

Table H—Classification; Chemicals

Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation	Required conditions for transportation—Continued		
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Nitrochlorbenzene, meta or para, solid.	<i>Pale yellow crystalline mass. Dangerous if taken internally, or in the form of vapors through the respiratory organs. Do not breathe air laden with the dust of these substances. Do not allow excessive contact with the skin. Insoluble in water. Will contaminate foodstuffs. Stow away from living quarters and foodstuffs.</i>	Poison.	Stowage: "On deck in open." "On deck under cover." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1760 lb. gr. wt. (ICC-6A) not over 880 lb. wt. (ICC-17E, 17H, 37A, 37B, 37C, not over 375 lb. gr. wt. When material is fused in 880 lb. gr. wt. authorized (ICC-17E) STC, not over 1 gal. cap. Authorized for nitrochlorbenzene, meta or para, solid. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 800 lb. net wt. (ICC-11A) not over 115 lb. net wt. For paranitraniline solid only, not over 385 lb. gr. wt. Wooden boxes (ICC-16A, 16B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WIC, not over 80 lb. net wt. Fiberboard boxes (ICC-12B, 12C) WIC, not over 115 lb. net wt. Fiber drums: Authorized for nitrochlorbenzene, meta or para, solid (ICC-21C) not over 400 lb. net wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.	Not permitted.	Not permitted.	Not permitted.
Nitroaniline, ortho and para, solid.	<i>Ortho-nitroaniline is in the form of orange-red needles. Para-nitroaniline is in the form of yellow needles. Very slightly soluble in water. Protect from direct rays of sun and any sources of artificial heat. Keep cool and dry.</i>	Poison.				

Table H—Classification: Class

Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Nitroxylol.....	Colorless or yellow liquid or crystals, becoming reddish brown upon exposure. Stow away from living quarters and foodstuffs. Protect from direct rays of sun and all sources of artificial heat. Keep cool.	Poison.....	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>"Tween decks."</p> <p>"Under deck."</p> <p>Outside containers:</p> <p>Carboys in wooden boxes, wood drums, or plywood boxes:</p> <p>(ICC-1A) glass, not over 13 gal. cap.</p> <p>(ICC-1D, 1E) glass, not over 7 gal. cap.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Steel barrels or drums:</p> <p>(ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>(ICC-37P) NRC, not over 5 gal. cap.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC (ICC-2S), not over 55 gal. cap.</p> <p>Aluminum drums:</p> <p>(ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs:</p> <p>(ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes:</p> <p>(ICC-15A, 15B, 15C, 16A, 16B, 16C, 16D, 16E, 16F, 16G, 16H, 16I, 16J, 16K, 16L, 16M, 16N, 16O, 16P, 16Q, 16R, 16S, 16T, 16U, 16V, 16W, 16X, 16Y, 16Z) not over 100 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Fiberboard boxes:</p> <p>(ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12F) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p> <p>Tank cars complying with ICC regulations.</p>	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>Outside containers:</p> <p>Carboys in wooden boxes, plywood drums, or plywood boxes:</p> <p>(ICC-1A) glass, not over 13 gal. cap.</p> <p>(ICC-1D, 1E) glass, not over 7 gal. cap.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Steel barrels or drums:</p> <p>(ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC (ICC-2S), not over 55 gal. cap.</p> <p>Aluminum drums:</p> <p>(ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs:</p> <p>(ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes:</p> <p>(ICC-15A, 15B, 15C, 16A, 16B, 16C, 16D, 16E, 16F, 16G, 16H, 16I, 16J, 16K, 16L, 16M, 16N, 16O, 16P, 16Q, 16R, 16S, 16T, 16U, 16V, 16W, 16X, 16Y, 16Z) not over 100 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Fiberboard boxes:</p> <p>(ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12F) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>	<p>Ferry stowage (AA).....</p> <p>Outside containers:</p> <p>Carboys in wooden boxes, plywood drums, or plywood boxes:</p> <p>(ICC-1A) glass, not over 13 gal. cap.</p> <p>(ICC-1D, 1E) glass, not over 7 gal. cap.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Steel barrels or drums:</p> <p>(ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>(ICC-37P) NRC, not over 5 gal. cap.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC (ICC-2S), not over 55 gal. cap.</p> <p>Aluminum drums:</p> <p>(ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs:</p> <p>(ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes:</p> <p>(ICC-15A, 15B, 15C, 16A, 16B, 16C, 16D, 16E, 16F, 16G, 16H, 16I, 16J, 16K, 16L, 16M, 16N, 16O, 16P, 16Q, 16R, 16S, 16T, 16U, 16V, 16W, 16X, 16Y, 16Z) not over 100 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Fiberboard boxes:</p> <p>(ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12F) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>	<p>Ferry Stowage (BB).</p> <p>Outside containers:</p> <p>Carboys in wooden boxes, plywood drums, or plywood boxes:</p> <p>(ICC-1A) glass, not over 13 gal. cap.</p> <p>(ICC-1D, 1E) glass, not over 7 gal. cap.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Steel barrels or drums:</p> <p>(ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>(ICC-37P) NRC, not over 5 gal. cap.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC (ICC-2S), not over 55 gal. cap.</p> <p>Aluminum drums:</p> <p>(ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs:</p> <p>(ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes:</p> <p>(ICC-15A, 15B, 15C, 16A, 16B, 16C, 16D, 16E, 16F, 16G, 16H, 16I, 16J, 16K, 16L, 16M, 16N, 16O, 16P, 16Q, 16R, 16S, 16T, 16U, 16V, 16W, 16X, 16Y, 16Z) not over 100 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Fiberboard boxes:</p> <p>(ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12F) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p> <p>Tank cars complying with ICC regulations.</p>

Table H—Classification: Class I Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation	Required conditions for transportation—Continued		
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Parathion, liquid	A deep brown to yellow liquid. Slightly soluble in water. Extremely poisonous. May be absorbed through the skin; through digestive organs; or from vapor through respiratory organs. Stow away from living quarters and foodstuffs.	Poison	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Aluminum drums: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-37A) STC, WIC, not over 16 gal. cap. (ICC-37B) STC not over 55 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 160 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC glass not over 1 gal. cap. and total gr. wt. not over 250 lb. Authorized only for "Parathion Liquid" and "Methyl parathion Liquid". Metal drums: (ICC-17E) STC, not over 5 gal. cap. Cylinders as prescribed for any compressed gas except acetylene.	Not permitted	Not permitted	Not permitted
Methyl parathion, liquid. Parathion mixtures liquid (containing more than 50% parathion by weight). Methyl parathion mixtures, liquid (containing more than 50% parathion by weight).	Liquid parathion or methyl parathion mixtures (solutions, emulsions or emulsifiable liquids) containing more than 50% parathion or methyl parathion by weight. Properties same as those listed above.					

Table H—Classification: Class

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Parathion mixtures, liquid (containing not more than 50% parathion by weight).	Liquid parathion or methyl parathion mixtures (solutions, emulsions or emulsifiable liquids) containing not more than 50% parathion or methyl parathion by weight. Hazards and precautions similar to "parathion, liquid" above. Stow away from living quarters and foodstuffs.	Poison	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck."
Methyl parathion mixtures, liquid (containing not more than 50% methyl parathion by weight).			Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12A) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC, metal not over 1 gal. cap. each; not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drums (ICC-17E) STC, not over 10 gal. cap. Steel drum (ICC-37B) STC, not over 5½ gal. cap. (See Note in columns 5, 6 and 7.)

Dangerous poisons—Continued

Required conditions for transportation—Continued			
	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC, metal not over 1 gal. cap. each, not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drums (ICC-17E) STC, not over 10 gal. cap. Steel drum (ICC-37B) STC, not over 5½ gal. cap.	Ferry stowage (AA)----- Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC, metal not over 1 gal. cap. each, not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drums (ICC-17E) STC, not over 10 gal. cap. Steel drum (ICC-37B) STC, not over 5½ gal. cap.	Ferry stowage (BB). Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC, metal not over 1 gal. cap. each, not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drums (ICC-17E) STC, not over 10 gal. cap. Steel drum (ICC-37B) STC, not over 5½ gal. cap.

NOTE: Mixtures (solutions, emulsions or emulsifiable liquids) containing not more than 25% parathion or methyl parathion by weight, in inside metal containers not over 8 fluid ounces capacity each, packed in strong outside containers together with sufficient absorbent material to completely absorb the liquid in the event of leakage, are exempt from specification packaging, marking other than name of contents, and labeling requirements.

Table H—Classification: Class I—Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Parathion mixtures, dry..	<i>Dry mixtures in which the liquid active ingredient is absorbed in concentrations greater than 2% by weight in a dry inert material so as to form a dry mixture.</i>	Poison.....	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Wooden boxes (ICC-15A, 15B) WIC, not over 160 lb. gr. wt. Steel barrels or drums (ICC-5B, 6A, 6C) not over 55 gal. cap. Steel drums: (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. gr. wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt. (See Note in columns 5, 6, and 7.)	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Wooden boxes (ICC-15A, 15B) WIC, not over 160 lb. gr. wt. Steel barrels or drums (ICC-5B, 6A, 6C) not over 55 gal. cap. Steel drums: (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. net wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt. Note: Dry mixtures containing not more than 2% by weight of parathion, and in which the liquid is absorbed in inert material, are exempt from specification packing, marking other than name of contents, and labeling requirements.	Ferry stowage (AA). Outside containers: Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Wooden boxes (ICC-15A, 15B) WIC, not over 160 lb. gr. wt. Steel barrels or drums (ICC-5B, 6A, 6C) not over 55 gal. cap. Steel drums: (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. net wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt.	Ferry stowage (BB). Outside containers: Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Wooden boxes (ICC-15A, 15B) WIC, not over 160 lb. gr. wt. Steel barrels or drums (ICC-5B, 6A, 6C) not over 55 gal. cap. Steel drums: (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. netwt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt.
Methyl parathion mixtures, dry.	<i>Poisonous. Do not breathe air laden with this substance. Do not permit contact with air. Stow away from living quarters and foodstuffs.</i>	Poison.				
Perchloro-methyl-mercaptan.	<i>An orange-red heavy liquid. Volatile when exposed to sun or heat. Non-inflammable. Gives off vapors that are irritating and suffocating. May be poisonous by skin absorption. Not affected by light, but fumes on exposure to moist air. Insoluble in water. Do not breathe vapors or allow liquid to contact the skin. Stow well away from living quarters and foodstuffs. Do not stow with acids (white label). Keep cool.</i>	Poison.....	Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." Outside containers: Wooden barrels or kegs (ICC-11A, 11B) WIC, not over 160 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A) WIC, not over 160 lb. net wt. Steel barrels or drums, lead-lined (ICC-5H) not over 53 gal. cap. Nickel barrels or drums: (ICC-5K) not over 55 gal. cap. Monel barrels or drums: (ICC-5M) not over 55 gal. cap.	Not permitted.....	Not permitted.....	Not permitted.
Phenyldichlorarsine, liquid.	<i>A poisonous material used in warfare. Irritating to the lungs. Do not breathe vapors. Stow away from living quarters and foodstuffs. Keep cool.</i>	Poison.....	Stowage: "On deck in open." Outside containers: Steel barrels or drums (ICC-6A) not over 30 gal. cap.	Not permitted.....	Not permitted.....	Not permitted.

Table H—Classification: Class

Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Poisonous liquids, N. O. S. Mercurial liquid, N. O. S.	May be any liquid classifying as a Less Dangerous Poison, Class B, in accordance with the definitions contained in these regulations, provided such liquid is not otherwise specified by name in these regulations. Stow away from living quarters and foodstuffs. Do not stow with acids (white label). Keep cool and well away from all sources of artificial heat.	Poison-----	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Carboys in wooden boxes, wood drums, or plywood boxes: (ICC-1A) glass, not over 13 gal. cap. (ICC-1D, 1E) glass, not over 7 gal. cap. (ICC-1D, 1E) glass, not over 7 gal. cap. Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B, 5C) not over 55 gal. cap. (ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt. (ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only. (ICC-37B) STC, not over 5 gal. cap.; authorized for pastes only. (ICC-37P) NRC, not over 5 gal. cap. Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap. Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt. (ICC-11A, 11B) WIC, not over 200 lb. gr. wt. Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. gr. wt. (ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt. Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt. (ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt. Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Cylinders as prescribed for any compressed gas except acetylene. Tank cars complying with ICC regulations. (See Note in columns 5, 6, and 7.)	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Carboys in wooden boxes, plywood drums, or plywood boxes: (ICC-1A) glass, not over 13 gal. cap. (ICC-1D, 1E) glass, not over 7 gal. cap. Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B, 5C) not over 55 gal. cap. (ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt. (ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only. (ICC-37B) STC, not over 5 gal. cap.; authorized for pastes only. (ICC-37P) NRC, not over 5 gal. cap. Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap. Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt. (ICC-11A, 11B) WIC, not over 200 lb. gr. wt. Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. gr. wt. (ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt. Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt. (ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt. Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Cylinders as prescribed for any compressed gas except acetylene. Tank cars complying with ICC regulations. (See Note in columns 5, 6, and 7.)	Ferry stowage (AA)----- Outside containers: Carboys in wooden boxes, plywood drums, or plywood boxes: (ICC-1A) glass, not over 13 gal. cap. (ICC-1D, 1E) glass, not over 7 gal. cap. Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B, 5C) not over 55 gal. cap. (ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt. (ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only. (ICC-37B) STC, not over 10 gal. cap. (ICC-37P) NRC, not over 5 gal. cap. Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap. Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt. (ICC-11A, 11B) WIC, not over 200 lb. gr. wt. Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. gr. wt. (ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt. Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt. (ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt. Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Cylinders as prescribed for any compressed gas except acetylene. Tank cars complying with ICC regulations.	Ferry stowage (BB). Outside containers: Carboys in wooden boxes, plywood drums, or plywood boxes: (ICC-1A) glass, not over 13 gal. cap. (ICC-1D, 1E) glass, not over 7 gal. cap. Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B, 5C) not over 55 gal. cap. (ICC-17C, 17E) STC, not over 55 gal. cap., and not exceeding 880 lb. gr. wt. (ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only. (ICC-37B) STC, not over 10 gal. cap. (ICC-37P) NRC, not over 5 gal. cap. Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap. Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap., and not exceeding 600 lb. net wt. (ICC-11A, 11B) WIC, not over 200 lb. gr. wt. Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. gr. wt. (ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt. Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt. (ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt. Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Cylinders as prescribed for any compressed gas except acetylene. Tank cars complying with ICC regulations.

Poisonous liquids, N. O. S., must be packed in specification containers of a design and constructed of material which will not react dangerously with nor be decomposed by the chemical packed therein.

Table H—Classification: Class

### Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Poisonous solids, N. O. S.	May be any solid classifying as a Less Dangerous Poison, Class B, in accordance with the definitions contained in these regulations, provided such solid is not otherwise specified by name in these regulations. Stow away from living quarters and foodstuffs. Do not stow with acids (white label). Keep cool and well away from all sources of artificial heat.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Potassium arsenate, solid.	Colorless crystals. Poisonous if taken internally.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Sodium arsenate, solid.	Care should be taken not to breathe the air laden with fine dust.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Potassium arsenite, solid.	White powder. Decomposes on exposure to air. Poisonous if taken internally. Care should be taken not to breathe air laden with fine dust.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Sodium cacodylate, solid (sodium dimethylarsenate)	White, odorless crystals or granular powder. Soluble in water. Stow away from living quarters and foodstuffs.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Strontium arsenite, solid.	White, odorless powder. Soluble in water. Stow away from living quarters and foodstuffs.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Strychnine and salts thereof, solid.	In the form of small, hard crystals or white crystalline powder. Poisonous if taken internally. Care should be taken not to breathe air laden with dust. Stow away from living quarters and foodstuffs. Do not stow with acids (white label).	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb

Table H—Classification: Class 6.1—Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Sodium arsenite (solution), liquid.	<i>Solution of arsenic trioxide and sodium carbonate or hydroxide. Poisonous if taken internally. Soluble in water. Stow away from living quarters and foodstuffs.</i>	Poison.....	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>"Tween decks."</p> <p>"Under deck."</p> <p>Outside containers:</p> <p>Steel barrels or drums (ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap.</p> <p>(ICC-37B) STC, not over 5 gal. cap.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>Cylindrical steel overpack (ICC-6D) WIC ICC-2S, not over 55 gal. cap.</p> <p>Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 150 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>(ICC-18A) WIC polyethylene 2U, not over 15 gal. cap.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each.</p> <p>Fiber drum (ICC-21C) WIC, glass, not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for compressed gas except acetylene.</p> <p>Tank cars complying with regulations.</p>	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>"Tween decks."</p> <p>"Under deck."</p> <p>Outside containers:</p> <p>Steel barrels or drums (ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap.</p> <p>(ICC-37B) STC, not over 10 gal. cap.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap.</p> <p>Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 150 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each.</p> <p>Fiber drum (ICC-21C) WIC, glass, not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>	<p>Ferry stowage (AA).....</p> <p>Outside containers:</p> <p>Steel barrels or drums: (ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap.</p> <p>(ICC-37B) STC, not over 10 gal. cap.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap.</p> <p>Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 150 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each.</p> <p>Fiber drum (ICC-21C) WIC, glass, not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>	<p>Ferry stowage (BB).</p> <p>Outside containers:</p> <p>Steel barrels or drums: (ICC-5, 5A, 5B, 5C) not over 55 gal. cap.</p> <p>(ICC-17C, 17E) STC, not over 55 gal. cap.</p> <p>(ICC-37B) STC, not over 10 gal. cap.</p> <p>(ICC-37A, 37B) STC, not over 5 gal. cap.; authorized for pastes only.</p> <p>Cylindrical steel overpack: (ICC-6D) WIC ICC-2S, not over 55 gal. cap.</p> <p>Aluminum drums: (ICC-42B, 42C, 42D, 42E, 42G) not over 55 gal. cap.</p> <p>Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 50 gal. cap.</p> <p>(ICC-11A, 11B) WIC, not over 200 lb. gr. wt.</p> <p>Wooden boxes: (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 150 lb. gr. wt.</p> <p>(ICC-16A) WIC polyethylene 2U, not over 200 lb. gr. wt.</p> <p>Plywood or wooden box or drum (ICC-15P, 22C) WIC (ICC-2T) not over 15 gal. cap.</p> <p>Fiberboard boxes: (ICC-12A, 12B) WIC, not over 65 lb. gr. wt.</p> <p>(ICC-12P) WIC (ICC-2U polyethylene), not over 5 gal. cap. ea., not over 65 lb. gr. wt.</p> <p>Mailing tubes (ICC-29) WIC polyethylene, not over 2 quarts cap. each.</p> <p>Fiber drum (ICC-21C) WIC, glass, not over 1 gal. cap. ea.; total gr. wt. not over 250 lb.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p> <p>Tank cars complying with ICC regulations.</p>
Sodium azide.....	<i>White hexagonal crystals..... Decomposes when heated. Soluble in water. In contact with moist air and acids, will give off poisonous gas. Stow away from living quarters and foodstuffs. Keep cool.</i>	Poison.....	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>"Under deck."</p> <p>Outside containers:</p> <p>Wooden boxes (ICC-15A) with securely closed bag inside ICC-2T. Not over 100 lb. net wt.</p>	Not permitted.....	Not permitted.....	Not permitted.....
Tetraethyl lead, liquid.....	<i>Colorless liquid..... Absorption of this liquid through the skin or inhalation of the vapor is poisonous. Insoluble in water. Stow away from living quarters and foodstuffs. Keep cool.</i>	Poison.....	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>Outside containers:</p> <p>Steel barrels or drums (ICC-5, 5A) not over 110 gal. cap.</p> <p>Wooden boxes (ICC-15A) with inside glass or earthenware containers of not over 1 pint capacity each or metal cans within ICC-2A. Outside container not over 100 lb. net wt.</p> <p>Cylinders as prescribed for compressed gas except acetylene.</p>	<p>Stowage:</p> <p>"On deck in open."</p> <p>"On deck under cover."</p> <p>Outside containers:</p> <p>Steel barrels or drums (ICC-5, 5A) not over 110 gal. cap.</p> <p>Wooden boxes (ICC-15A) with inside glass or earthenware containers of not over 1 pint capacity each or metal cans within ICC-2A. Outside container not over 100 lb. net wt.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>	<p>Ferry stowage (AA).....</p> <p>Outside containers:</p> <p>Steel barrels or drums (ICC-5, 5A) not over 110 gal. cap.</p> <p>Wooden boxes (ICC-15A) with inside glass or earthenware containers of not over 1 pint capacity each or metal cans within ICC-2A. Outside container not over 100 lb. net wt.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>	<p>Ferry stowage (BB).</p> <p>Outside containers:</p> <p>Steel barrels or drums (ICC-5, 5A) not over 110 gal. cap.</p> <p>Wooden boxes (ICC-15A) with inside glass or earthenware containers of not over 1 pint capacity each or metal cans within ICC-2A. Outside container not over 100 lb. net wt.</p> <p>Cylinders as prescribed for any compressed gas except acetylene.</p>



Table H—Classification: Class 6—Dangerous poisons—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Tetraethyl pyrophosphate, mixture, dry. Tetraethyl dithio pyrophosphate, mixture, dry. Hexaethyl tetraphosphate, mixture, dry. Organic phosphate compound mixtures, N.O.S., dry.	<i>Dry mixtures in which the liquid active ingredient is absorbed in concentrations greater than 8% by weight in a dry inert material so as to form a dry mixture.</i> <i>Poisonous.</i> <i>Do not breathe air laden with this substance.</i> <i>Do not permit contact with air.</i> <i>Stow away from living quarters and foodstuffs.</i>	Poison-----	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5B, 6A, 6C) not over 55 gal. cap. (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Wooden boxes (ICC-15A, 15B) WIC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. gr. wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt. (See Note in columns 5, 6, and 7.)	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5B, 6A, 6C) not over 55 gal. cap. (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Wooden boxes (ICC-15A, 15B) WIC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. gr. wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt.	Ferry stowage (AA)----- Outside containers: Steel barrels or drums: (ICC-5, 5B, 6A, 6C) not over 55 gal. cap. (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Wooden boxes (ICC-15A, 15B) WIC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Authorized for dry mixtures not exceeding 27% by weight of the liquid active ingredient: Fiber drums: (ICC-21A, 21B) not over 200 lb. net wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. gr. wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5B, 6A, 6C) not over 55 gal. cap. (ICC-17C, 17H) STC, not over 55 gal. cap. (ICC-37A) STC, not over 100 lb. net wt. Wooden boxes (ICC-15A, 15B) WIC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B, 12C) WIC, not over 65 lb. gr. wt. Authorized for dry mixtures not exceeding 50% by weight of the liquid active ingredient: Fiber drum (ICC-21C) not over 250 lb. gr. wt. Authorized for dry mixtures not exceeding 15% by weight of the liquid active ingredient: Fiberboard box (ICC-12B) WIC, not over 50 lb. net wt. Paper bags (ICC-44B) with inside paper bags, ICC-2D, not over 30 lb. net wt. Authorized for dry mixtures not exceeding 12% by weight of the liquid active ingredient: Paper bags (ICC-44D) not over 50 lb. net wt.
Tetraethyl pyrophosphate, liquid. Tetraethyl dithio pyrophosphate, liquid. Hexaethyl tetraphosphate, liquid. Organic phosphate compound N.O.S. liquid. Tetraethyl pyrophosphate mixtures, liquid (containing more than 50% tetraethyl pyrophosphate by weight). Organic phosphate compound mixtures, N.O.S., liquid (containing more than 50% organic phosphate compound mixtures N.O.S. by weight). Tetraethyl dithio pyrophosphate mixtures, liquid (containing more than 50% tetraethyl dithio pyrophosphate by weight). Hexaethyl tetraphosphate mixtures, liquid (containing more than 50% hexaethyl tetraphosphate by weight).	<i>Water-white to amber colored liquids.</i> <i>Miscible with water.</i> <i>Very poisonous.</i> <i>May be absorbed through the skin, through digestive organs, or from vapor through respiratory organs.</i> <i>Mixtures may be solutions, emulsions or emulsifiable liquids.</i>	Poison-----	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Aluminum drums: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-37A) STC, WIC, not over 10 gal. cap. (ICC-37B) STC, not over 55 gal. cap. (ICC-17E) STC, not over 55 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B, 12C) WIC, not over 54 lb. gr. wt. Fiber drum (ICC-21C) not over 1 gal. cap. and not exceeding 220 lb. total gr. wt. not over 220 lb. Cylinders as prescribed for compressed gas, except acetylene.	Not permitted-----	Not permitted-----	Not permitted-----

**Note:** Dry mixtures containing not more than 2% by weight of tetraethyl pyrophosphate, tetraethyl dithio pyrophosphate, hexaethyl tetraphosphate, or organic phosphate compound mixture, N.O.S., and in which the liquid is absorbed in an inert material, are exempt from specification packaging, marking other than name of contents, and labeling requirements.

Table H—Classification: *Dangerous poisons—Continued*

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Tetraethyl pyrophosphate mixtures, liquid (containing not more than 50% tetraethyl pyrophosphate by weight). Organic phosphate compound mixtures, N.O.S. (containing not more than 50% organic phosphate compound mixtures, N.O.S. by weight). Tetraethyl dithio pyrophosphate mixtures, liquid (containing not more than 50% tetraethyl dithio pyrophosphate by weight). Hexaethyl tetraphosphate mixtures, liquid (containing not more than 50% hexaethyl tetraphosphate by weight).	<i>Solutions, emulsions or emulsifiable liquids containing not more than 50% of the active ingredient by weight. Hazards and precautions similar to those under "Tetraethyl pyrophosphate, liquid" above. Stow away from living quarters and foodstuffs.</i>	Poison—	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMO, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12A) WIC, not over 55 lb. gr. wt. Fiberboard box (ICC-12A) WIC metal not over 1 gal. cap. each, not over 55 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drum (ICC-37B) STC, not over 5½ gal. cap. Steel drums (ICC-17E) STC, not over 10 gal. cap.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMO, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC metal not over 1 gal. cap. each, not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drum (ICC-37B) STC, not over 5½ gal. cap. Steel drums (ICC-17E) STC, not over 10 gal. cap.	Ferry stowage (AA)----- Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMO, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC metal not over 1 gal. cap. each; not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drum (ICC-37B) STC, not over 5½ gal. cap. Steel drums (ICC-17E) STC, not over 10 gal. cap.	Ferry stowage (BB). Outside containers: Aluminum barrels: (ICC-42B) not over 55 gal. cap. Steel barrels or drums: (ICC-5, 5A, 5B) not over 55 gal. cap. (ICC-17) STC, not over 55 gal. cap. and not exceeding 880 lb. gr. wt. (ICC-17E) STC, not over 5 gal. cap. (ICC-37A) STC, WIC, not over 10 gal. cap. Wooden boxes: (ICC-15A, 15B, 15C, 15E) WIMO, not over 150 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Fiberboard box (ICC-12A) WIC metal not over 1 gal. cap. each; not over 65 lb. gr. wt. Fiber drum (ICC-21C) WIC, glass not over 1 gal. cap. ea.; total gr. wt. not over 250 lb. Authorized only for mixtures that are not classified as flammable under the regulations in this part: Steel drum (ICC-37B) STC, not over 5½ gal. cap. Steel drums (ICC-17E) STC, not over 10 gal. cap.
Thallium salts, solid.	<i>In the form of crystals, needles, or powder, some of which are soluble in water, others insoluble. Stow away from living quarters and foodstuffs.</i>	Poison-----	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA)----- Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Thallium sulfate, solid.	<i>White or colorless powder or crystals. Soluble in water. Stow away from living quarters and foodstuffs.</i>	Poison.				

Table H—Classification: Class B:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Thiophosgene (thiocarbonylchloride).	Red colored liquid with sharp penetrating toxic fumes. Areas contaminated by leakage should be flushed with copious quantities of water and scrubbed with strong soap. Addition of a small quantity of lye to the wash water is desirable.	Poison.	Stowage: "On deck protected." "On deck under cover." Outside containers: Wooden boxes (ICC-15A, 15B) WIC, not over 100 lb. net wt. Fiberboard boxes (ICC-12B) WIC, not over 50 lb. net wt.
Zinc arsenate.	Colorless crystals or powder. Decomposes on heating. Insoluble in water. Stow away from living quarters and foodstuffs. Keep cool.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.
Zinc arsenite, solid.	Colorless powder. Insoluble in water. Stow away from living quarters and foodstuffs.	Poison.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.

## Less dangerous poisons—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Not permitted.	Not permitted.	Not permitted.
Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 6B, 6C) not over 1,760 lb. gr. wt. (ICC-6A) not over 880 lb. gr. wt. (ICC-17E, 17H, 37A, 37B) STC, not over 375 lb. gr. wt. When material is fused solid 880 lb. gr. wt. authorized. (ICC-37P) NRC, WIL, not over 15 gal. cap. Wooden barrels or kegs: (ICC-10A, 10B, 10C) not over 600 lb. net wt. (ICC-11A) not over 115 lb. net wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 100 lb. net wt. Wooden kits (ICC-18B) WPL, not over 30 lb. net wt. Fiberboard box (ICC-12A) WIC, glass, not over 5 lb. cap. each; not over 20 lb. net cap. total. Fiberboard boxes (ICC-12B, 12C) WIC, not over 50 lb. net wt. Fiber drum (ICC-21C) not over 250 lb. gr. wt. Plywood drums (ICC-22A) not over 115 lb. net wt. Tank cars complying with ICC regulations.

[CGFR 56-29, 21 F.R. 7109, Sept. 20, 1956; CGFR 57-33, 22 F.R. 8707, Oct. 29, 1957; CGFR 57-49, 22 F.R. 10062, Dec. 14, 1957; CGFR 58-9, 23 F.R. 4928, June 28, 1958; CGFR 58-49, 23 F.R. 9338, Dec. 12, 1958; CGFR 59-14, 24 F.R. 5276, June 30, 1959; CGFR 59-48, 24 F.R. 9391, Nov. 21, 1959; CGFR 60-33, 25 F.R. 5241, June 11, 1960; CGFR 60-70, 25 F.R. 11213, Nov. 26, 1960; CGFR 61-11, 26 F.R. 8925, May 5, 1961; CGFR 61-44, 26 F.R. 11021, Nov. 23, 1961; CGFR 62-11, 27 F.R. 5287, June 5, 1962; CGFR 62-48, 27 F.R. 12135, Dec. 7, 1962; CGFR 63-10, 28 F.R. 5383, May 30, 1963; SGFR 64-20, 29 F.R. 8795, May 23, 1964; CGFR 64-83, 29 F.R. 18171, Dec. 22, 1964; CGFR 65-17, 30 F.R. 7443, June 5, 1965; CGFR 65-52, 30 F.R. 15220, Dec. 9, 1965]

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Brombenzyl cyanide, liquid.	<i>A dark brown steatous liquid which solidifies at about 75° F., forming white or yellowish crystals. Vapors are heavier than air. The vapors given off by this material are intensely irritating to the eyes and have a strong corrosive action on the throat and lungs. Stow well away from living quarters and in a space not easily accessible to any persons. Keep cool.</i>	Tear gas	Stowage: "On deck protected." "On deck under cover." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 5C, 6B, 6C) not over 110 gal. cap. (ICC-6A) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 8 liquid gallons and not over 80 lb. net wt. Cylinders as prescribed for any compressed gas except acetylene.
Chemical ammunition containing Class "C" poisons, liquids, gases or solids (nonexplosive). NOTE 1: When shipped with ignition elements, bursting charges, detonating fuzes or other explosive components, such shipments shall conform to the regulations prescribed for "Ammunition, chemical explosive" under Class "A" dangerous explosives.	<i>Consists of projectiles, shells, bombs, and other containers, except grenades, filled with gases, liquids or chemicals, Class "C" without ignition elements, bursting charges, detonating fuzes, or other explosive components. Boxes must be marked with name of contents and labeled as prescribed by these regulations for the gases, liquids, or chemicals contained therein.</i>	Tear gas	
Chloracetophenone, gas, liquid, or solid.	<i>In solid form is a crystalline body of pale yellow color with a pungent odor. Melts at about 138° F. Is also shipped in liquid form or in the form of gas. Vapors intensely irritating to the eyes. Insoluble in water. Stow well away from living quarters. Keep cool.</i>	Tear gas	Stowage: "On deck in open." "On deck under cover." "Tween decks readily accessible." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 5C, 6B, 6C) not over 110 gal. cap. (ICC-6A) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 8 liquid gallons and not over 80 lb. net wt. Cylinders as prescribed for any compressed gas except acetylene.
Diphenylaminechlorarsine, gas, liquid or solid.	<i>A yellow crystalline substance. In solid form, capable of giving off irritating vapors. Is also shipped in liquid form or in the form of gas. Stow well away from living quarters. Keep cool.</i>	Tear gas	
Diphenylchlorarsine solid.	<i>A white crystalline substance giving off irritating vapors. Stow well away from living quarters. Keep cool.</i>	Tear gas	
Monochloracetone, stabilized.	<i>A clear liquid with pungent odor irritating to the eyes. Soluble in water. Stow well away from living quarters.</i>	Tear gas	Stowage: "On deck protected." "On deck under cover." Outside containers: Metal barrels or drums: (ICC-5, 5A) not over 55 gal. cap. (ICC-17C) STC, not over 55 gal. cap. Wooden boxes (ICC-15A, 15B, 15C, 16A) WIC, not over 8 lb. net wt. of liquid.

Class C; tear gas or irritating substances.

Required conditions for transportation—Continued			
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle	
Not permitted	Not permitted	Not permitted.	
Stowage: "On deck in open." "On deck under cover." "Tween decks readily accessible." Outside containers: Steel barrels or drums (ICC-6A, 6B, 6C) not over 30 gal. cap. and not over 480 lb. gr. wt. Wooden boxes (ICC-15A, 15B) WIMC, not over 8 liquid gallons and not over 80 lb. net wt.	Not permitted	Not permitted.	
Not permitted	Not permitted	Not permitted.	

Table H—Classification: Class C, tear gas

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Poisonous liquids, N. O. S.	<i>Any liquid classifying as a poison, Class "C", in accordance with these regulations.</i> Stow well away from living quarters. Keep cool.	Tear gas	Stowage: "On deck in open." "On deck under cover." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 5C, 6B, 6C) not over 110 gal. cap. and not over 1760 lb. gr. wt. (ICC-6A) not over 55 gal. cap. and not over 880 lb. gr. wt. (ICC-17C) STC, not over 5 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 8 liquid gallons and not over 80 lb. net wt. Cylinders as prescribed for any compressed gas except acetylene.
Poisonous solids, N. O. S.	<i>Any solid classifying as a poison, Class "C", in accordance with these regulations.</i> Stow well away from living quarters. Keep cool.	Tear gas.	Stowage: "On deck in open." "On deck under cover." Outside containers: Wooden boxes (metal strapped) (ICC-15A, 15B, 15C) not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Metal drums: (ICC-37A) STC, not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Functioning devices shall be packed in a separate compartment.
Tear gas grenades. Tear gas candles.	<i>Devices containing lachrymatory (tear producing) substances. These devices are commonly so constructed that when they function, the contents are ejected, but there is no projection of any portion of the grenades which might cause physical injury.</i> Stow well away from living quarters. Keep cool. NOTE: Grenades or other similar devices may be shipped completely assembled when shipments are made by, for, or to the National Military Establishment of the United States Government, providing the functioning element is so packed that it cannot accidentally function.	Tear gas	Stowage: "On deck in open." "On deck under cover." Outside containers: Wooden boxes (metal strapped) (ICC-15A, 15B, 15C) not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Metal drums: (ICC-37A) STC, not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Functioning devices shall be packed in a separate compartment.
Tear gas material, liquid or solid, N. O. S.	<i>May be any liquid or solid material used as a tear-producing gas.</i> Stow well away from living quarters. Keep cool.	Tear gas	Stowage: "On deck in open." "On deck under cover." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 5C, 6B, 6C) not over 110 gal. cap. and not over 1760 lb. gr. wt. (ICC-6A) not over 55 gal. cap. and not over 880 lb. gr. wt. (ICC-17C) STC, not over 5 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 8 liquid gallons and not over 80 lb. net wt. Cylinders as prescribed for any compressed gas except acetylene.
Xylylbromide	<i>A colorless liquid or crystals producing a gas having lachrymatory effects.</i> Used for military purposes. Insoluble in water Stow well away from living quarters. Keep cool.	Tear gas.	Stowage: "On deck in open." "On deck under cover." Outside containers: Steel barrels or drums: (ICC-5, 5A, 5B, 5C, 6B, 6C) not over 110 gal. cap. and not over 1760 lb. gr. wt. (ICC-6A) not over 55 gal. cap. and not over 880 lb. gr. wt. (ICC-17C) STC, not over 5 gal. cap. Wooden boxes (ICC-15A, 15B) WIMC, not over 8 liquid gallons and not over 80 lb. net wt. Cylinders as prescribed for any compressed gas except acetylene.

or irritating substances—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Not permitted.	Not permitted.	Not permitted.
Stowage: "On deck in open." "On deck under cover." Outside containers: Wooden boxes (metal strapped) (ICC-15A, 15B, 15C) not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Metal drums: (ICC-37A) STC, not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Functioning devices shall be packed in a separate compartment.	Ferry stowage (AA). Outside containers: Wooden boxes (metal strapped) (ICC-15A, 15B, 15C) not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Metal drums: (ICC-37A) STC, not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Functioning devices shall be packed in a separate compartment.	Ferry stowage (BB). Outside containers: Wooden boxes (metal strapped) (ICC-15A, 15B, 15C) not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Metal drums: (ICC-37A) STC, not more than 24 grenades and 24 functioning devices, nor over 75 lb. gr. wt. Functioning devices shall be packed in a separate compartment.
Not permitted.	Not permitted.	Not permitted.

[CGFR 52-8, 17 F. R. 6509, July 17, 1952, as amended by CGFR 56-29, 21 F. R. 7137, Sept. 30, 1956; CGFR 63-19, 28 F. R. 5383, May 30, 1963; CGFR 64-83, 29 F. R. 18171, Dec. 22, 1964]

§ 146.25-400 Table H—Classification

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Radioactive materials groups I and II. Cesium 137. Cobalt 60. Gold 198. Iridium 192. Radioactive materials N. O. S.	Group I: Radioactive materials that emit gamma rays only or both gamma and electrically charged corpuscular rays. Group II: Radioactive materials that emit neutrons and either or both gamma and electrically charged corpuscular rays. Do not stow with explosives, flammable liquids, compressed flammable gases, corrosive liquids, or poisonous gases or liquids in cylinders, projectiles, or bombs, or with undeveloped films. Observe instructions and safety precautions as set forth in this subpart.	Radioactive materials group I or group II: Red.	Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.
Radioactive materials group III. Radioactive materials N. O. S.	Group III: Radioactive materials that emit electrically charged corpuscular rays only, i. e., alpha or beta etc., or any other radioactive material that is so shielded that the gamma radiation at the surface of the package does not exceed 10 milliroentgens per 24 hours at any time during transportation. Do not stow with explosives, flammable liquids, compressed flammable gases, corrosive liquids, or poisonous gases or liquids, in cylinders, projectiles, or bombs, or with undeveloped films. Observe instructions and safety precautions as set forth in this subpart.	Radioactive materials, group III: Blue.	Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.

## Class D; radioactive materials.

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.	Ferry stowage (AA). Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.	Ferry stowage (BB). Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.
Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.	Ferry stowage (AA). Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.	Ferry stowage (BB). Outside containers: Authorized for not more than 2,700 millicuries: Wooden boxes: (ICC-15A, 15B, 19A, 19B) WIC. Fiberboard boxes: (ICC-12B) WIC. Fiber drums: (ICC-21C) not over 225 lb. net wt. Metal barrels or drums: (ICC-6A, 6B, 6C). (ICC-17C, 17H) STC. Authorized for not more than 300 curies: Metal encased, lead or uranium metal-shielded containers (ICC-55). Must be equipped with a seal. Other approved containers. Packaging and shielding requirements of this subpart must be complied with.

Table H—Classification: Class B Radioactive materials—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation	Required conditions for transportation—Continued		
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Radioactive materials as described under § 146.25-25 (a) and (b).	Do not stow with explosives, flammable liquids, compressed flammable gases, corrosive liquids, or poisonous gases or liquids, in cylinders, projectiles or bombs. Observe instructions and safety precautions as set forth in this subpart.	No label required.	Stowage: "On deck protected." "On deck undercover." "Tween decks readily accessible." "Under deck." Outside containers: Strong outside containers with or without inside container, meeting the applicable requirements of § 146.25-25.	Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." "Under deck." Outside containers: Strong outside containers with or without inside container, meeting the applicable requirements of § 146.25-25.	Ferry stowage (AA). Outside containers: Strong outside containers with or without inside container, meeting the applicable requirements of § 146.25-25.	Ferry stowage (BB). Outside containers: Strong outside containers with or without inside container, meeting the applicable requirements of § 146.25-25.
Radioactive materials as described under § 146.25-25 (c).	Do not stow with explosives, flammable liquids, compressed flammable gases, corrosive liquids, or poisonous gases or liquids, in cylinders, projectiles, or bombs. Observe instructions and safety precautions as set forth in this subpart.	No label required.	Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." "Under deck." Outside containers: Strong outside containers with or without inside container, meeting the applicable requirements of § 146.25-25.	Not permitted.	Not permitted.	Not permitted.

[CGFR 58-9, 23 F.R. 4945, June 28, 1958; CGFR 62-11, 27 F.R. 5287, June 5, 1962]

**Subpart 146.26—Detailed Regulations Governing Combustible Liquids**

**§ 146.26-1 Definition of combustible liquids.**

A combustible liquid is defined for the purpose of the regulations in this subchapter as any liquid which gives off inflammable (flammable) vapors (as determined by flash point from Tagliabue's open-cup tester as used for test of burning oils) at or below a temperature of 150° F. and above 80° F. This definition is binding on all shippers making shipments of combustible liquids by any passenger vessel, and shall apply to owners, charterers, agents, master or other person in charge of a vessel and to other persons transporting, carrying, conveying, storing, stowing, or using combustible liquids on board passenger vessels subject to R. S. 4472, as amended, and the regulations in this subchapter.

[CGFR 53-26, 18 F.R. 5221, Sept. 1, 1953]

**§ 146.26-5 Application to vessels.**

(a) The provisions of 46 U.S.C. 170, as amended, require that combustible liquids in barrels, drums, or other packages, when transported, carried, conveyed, stored, stowed, or used on board any passenger vessel shall be regulated to the extent necessary to secure effective provisions against hazards to health, life, limb, or property created by dangerous articles or substances on board such vessels.

(b) The provisions of 46 U.S.C. 391a require that combustible liquids in bulk, when transported or stowed on board any vessel shall be regulated in order to secure effective provision against the hazards of life and property created by the vessels to which this section applies. The provisions of this law are not applicable to combustible liquids that are transported or stowed in barrels, drums, or other packages on board cargo vessels.

(c) The provisions of the regulations in this part are not applicable to combustible liquids that are transported,

carried, conveyed, stored or stowed in barrels, drums, or other packages on board cargo vessels.

[CGFR 53-19, 28 F.R. 5383, May 30, 1963]

**§ 146.26-10 Stowage on board passenger vessels.**

(a) All combustible liquids permitted for transportation on board passenger vessels shall, when taken on board such vessels, be stowed in accordance with the provisions applying to the particular character of vessel as shown in the tables forming § 146.26-100 and with the detailed regulations of stowage set forth in this subpart.

(b) ICC specification 51 portable tanks not over 20,000 pounds gross weight, permitted for use as a container for combustible liquids by § 146.26-100 and carried aboard passenger vessels shall be stowed "On deck in open" only.

[CGFR 53-26, 18 F.R. 5222, Sept. 1, 1953, as amended, CGFR 63-19, 28 F.R. 5383, May 30, 1963]

**§ 146.26-15 Smoking or open flame prohibited.**

Smoking or the use of open flame is prohibited in the vicinity of combustible liquid cargo stowed "On deck" and in adjacent to holds in which such cargo is stowed or to ventilators from such holds. Smoking or the use of open flame on the weather deck in the vicinity of loading or discharge operations is prohibited. Conspicuous signs warning against smoking or the use of open flame shall be posted in applicable parts of the vessel during loading or discharging of combustible liquid cargo, and in the vicinity of such cargo stowed "On deck" or ventilators from holds containing such cargo whenever such cargo is carried.

[CGFR 53-26, 18 F.R. 5222, Sept. 1, 1953]

**§ 146.26-20 "On deck" stowage.**

Combustible liquids, stowage of which is permitted "On deck" by the provisions of the tables forming § 146.26-100, shall be properly secured when so stowed, in

in a manner satisfactory to the master of the vessel consistent with the following conditions:

(1) Such liquids shall be stowed as to provide safe access to the crew's quarters and to all parts of the deck required to be used in navigation and necessary working of the vessel.

(2) Combustible liquids shall not be stowed within a distance in a horizontal line of 25 feet from an operating or stowage point of a lifeboat when such point is at the same deck level as that upon which such liquids are stowed.

(3) Fire plugs, sounding pipes and access to same shall be maintained free and clear of combustible liquid cargo stowed on deck.

(4) Combustible liquid cargo shall be stowed well away from any deck or spaces provided for use of passengers.

(5) The fire hose at each fire hydrant on the passenger vessel in the vicinity of combustible liquids stowed "On deck" shall be fitted with an approved combination spray nozzle. During loading and unloading operations, the pressure shall be maintained in the fire mains. Two dry chemical type of at least 15 pounds capacity or two portable 2½-gallon foam type extinguishers are also required and shall be located so as to be accessible in the event of fire occurring in the vicinity of such combustible liquid cargo. Any foam used shall be of a type suitable for use with the lading.

(6) When ICC specification 51 portable tanks not over 20,000 pounds gross weight, containing combustible liquids are stowed on deck of a passenger vessel, the area in way of each 21,000 U.S. gallons or less of combustible liquids shall be protected by one or more B-V semi-portable foam (40 gal. capacity) or dry chemical (100 lbs. minimum capacity) fire extinguishers; or alternatively, by a fire hose fitted with an approved portable mechanical foam nozzle with pick-up tube and two 5-gallon cans of foam liquid concentrate. When carrying com-

modities incompatible with the conventional foam system, the foam shall be of a type suitable for use with the lading. The fire extinguishers shall be located so as to be accessible in the event of fire occurring in the vicinity of the portable tanks.

[CGFR 53-26, 18 F.R. 5222, Sept. 1, 1953, as amended, CGFR 63-19, 28 F.R. 5384, May 30, 1963; CGFR 65-17, 30 F.R. 7443, June 5, 1965]

**§ 146.26-25 "Under deck" stowage.**

(a) Stowage of combustible liquid cargo "Under deck" shall be either in ventilated holds or in holds that are gastight.

(b) Combustible liquids stowed in a compartment or hold, a boundary, bulkhead, or deck of which, also forms a boundary to the boiler room or engine room or a coal bunker or galley shall not be stowed within 20 feet of such bulkhead or deck. On vessels having internal combustion motors as a principal means of propulsion, combustible liquids may be stowed in a hold having a boundary bulkhead forming a division from the engine room without compliance with this requirement of stowing cargo 20 feet of such bulkhead.

[CGFR 53-26, 18 F.R. 5222, Sept. 1, 1963]

**§ 146.26-30 Potable spirits.**

Potable spirits packed in strong, tight barrels, drums, casks, wooden or fiber-board boxes may, when stowed in a compartment not subject to artificial heat, be transported on board any passenger vessel without further restriction.

[CGFR 53-26, 18 F.R. 5222, Sept. 1, 1963]

**§ 146.26-35 Use of power-operated industrial trucks in spaces containing combustible liquids.**

(a) Any approved power-operated industrial truck (see § 146.09-15) may be used in spaces in which combustible liquids are stowed, including the handling thereof, unless otherwise restricted by regulations in this part.

[CGFR 61-44, 26 F.R. 11022, Nov. 23, 1961]



**Table 1. Classification: Combustible liquids.**

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation	Required conditions for transportation—Continued		
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Acetic acid (aqueous solution)-----	<i>A clear colorless liquid. Pungent odor. Corrosive. Flash point about 110° F. Miscible with water. Stow separate from oxidizing materials (yellow label) and nitric acid (white label.)</i> Outside containers shall be marked either "Acetic acid" or "Combustible liquid."	No label required.	46 U.S.C. 170 is applicable to combustible liquids, drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	46 U.S.C. 170 is applicable to combustible liquids, drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	Ferry stowage (AA). Outside containers: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. or 1,760 lb. gr. wt. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. or 1,760 lb. gr. wt. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden barrels or kegs (ICC-11B) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 350 lb. gr. wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B), (CFC R 41) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiber or plywood drums, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt.	Ferry stowage (BB). Outside containers: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. or 1,760 lb. gr. wt. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. or 1,760 lb. gr. wt. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden barrels or kegs (ICC-11B) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 350 lb. gr. wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B), (CFC R 41) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiber or plywood drums, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Tank cars (ICC-103C). Aluminum tank cars, nonspecification.
Acetic acid, glacial-----	<i>A clear colorless liquid. Pungent odor. Corrosive. Flash point about 110° F. Crystallizes at about 60° F. Miscible with water. Stow separate from oxidizing materials (yellow label) and nitric acid (white label.)</i> Outside containers shall be marked either "Acetic acid, glacial" or "Combustible liquid."	No label required.	46 U.S.C. 170 is applicable to combustible liquids, drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	46 U.S.C. 170 is applicable to combustible liquids, drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	Ferry stowage (AA). Outside containers: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. or 1,760 lb. gr. wt. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. or 1,760 lb. gr. wt. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden barrels or kegs (ICC-11B) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 350 lb. gr. wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B), (CFC R 41) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiber or plywood drums, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt.	Ferry stowage (BB). Outside containers: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. or 1,760 lb. gr. wt. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. or 1,760 lb. gr. wt. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden barrels or kegs (ICC-11B) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 350 lb. gr. wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B), (CFC R 41) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiber or plywood drums, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt.
Acetic anhydride-----	<i>Colorless liquid having a sharp vinegary odor and an irritating effect upon mucous membrane and the eyes. Corrosive. Flash point about 130° F. Decomposes in water forming acetic acid. Stow separate from oxidizing materials (yellow label) and nitric acid (white label.)</i> Outside containers shall be marked either "Acetic anhydride" or "Combustible liquid."	No label required.	46 U.S.C. 170 is applicable to combustible liquids, drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	46 U.S.C. 170 is applicable to combustible liquids, drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	Ferry stowage (AA). Outside containers: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. or 1,760 lb. gr. wt. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. or 1,760 lb. gr. wt. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden barrels or kegs (ICC-11B) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 350 lb. gr. wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B), (CFC R 41) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiber or plywood drums, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt.	Ferry stowage (BB). Outside containers: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. or 1,760 lb. gr. wt. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. or 1,760 lb. gr. wt. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden barrels or kegs (ICC-11B) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 350 lb. gr. wt. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B), (CFC R 41) WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 200 lb. gr. wt. Fiber or plywood drums, nonspecification, WIC of glass, aluminum, stainless steel, or other material equally resistant to the lading, not over 90 lb. gr. wt.

Table J—Classification of Combustible Liquids—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Acetone oils. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Oilly liquid varying in color from water-white to dark orange yellow. By-product of the distillation of acetone. Penetrating odor. Shipped in two grades, light and heavy. Flash point: Light oil, about 90° F. Heavy oil, about 118° F. Immiscible with water. Outside containers shall be marked either "Acetone oils" or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 applicable to combustible liquids, drums, barrels, other packages, or cargo vessels § 146.02-30 of chapter.	On deck in open. On deck under cover. Between decks readily accessible. Under deck away from heat. Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels.	Ferry stowage (AA). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (BB). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
Alcohol, N. O. S. (When possessing a flash point at or below 150° F. and above 80° F.) Alcohol, amyl. Butyl alcohol. Propyl alcohol. Tertiary alcohol. Isopropanol. Rum, denatured.	<i>General: These alcohols are colorless, volatile liquids about 80% as heavy as water having a characteristic odor. Flash points variable. Vapors heavier than air and will form explosive mixtures over varying ranges of percentages with air. Miscible with water. Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1), or "Combustible liquid".</i>	No label required.	46 U.S.C. 281 applicable to transportation of combustible liquids in bulk, see § 146.02-30 of this chapter.	Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.		

Table J—Classification of Combustible Liquids—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation	Required conditions for transportation—Continued		
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Amyl acetate. Pent-acetate. (When possessing a flash point at or below 160° F. and above 80° F.)	Colorless liquid. Pear or banana-like odor. Flash point below 95° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1), or "Combustible liquid".	No label required.	46 U.S.C. 170 is applicable to combustible liquids in drums, barrels, or other packages transported on cargo vessels.	Stowage: "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (AA) Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (BB) Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
Anti-freeze compounds, liquid. Anti-freeze preparations, proprietary, liquid. (When possessing a flash point at or below 150° F. and above 80° F.)	Products added to the cooling systems of autos, tractors, etc., to lower the freezing point of water. Among the common anti-freezes are alcohol, glycerine, mixtures of both and ethylene glycol. Flash point variable. Miscible with water. Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1), or "Combustible liquid".	No label required.				
Benzaldehyde	Colorless or yellow fragrant volatile oil with an odor resembling that of bitter almonds. Flash point about 145° F. Vapors heavier than air. Immiscible with water. Slightly heavier than water. Outside containers shall be marked either "Benzaldehyde" or "Combustible liquid".	No label required.				
Benzine. Petroleum naphtha. Petroleum ether. Naphtha. Naphtha distillate. (When possessing a flash point at or below 150° F. and above 80° F.)	Mixtures of several of the lighter constituents of petroleum. Flash point variable, usually below 80° F. Vapors heavier than air and may form explosive mixtures with air. Immiscible with water. Lighter than water. Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1), or "Combustible liquid".	No label required.	46 U.S.C. 170 is applicable to combustible liquids in drums, barrels, or other packages transported on cargo vessels.	Stowage: "On deck in open." "On deck under cover." Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels. Also: Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (AA) Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels. Also: Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (BB) Outside containers: Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries. Also: Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification of Combustible Liquids—Continued

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation—Continued			
			Cargo vessel	Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Box toe gum (When possessing a flash point at or below 150° F. and above 80° F.)	A liquid cement-like solution of variable formula used in the manufacture of shoes. May consist of nitrocellulose, shellac, or rosin dissolved in a volatile solvent. Flash point variable, depending on the solvent used. Immiscible with water. Outside containers shall be marked either "Box toe gum" or "Combustible liquid."	No label required.	46 U.S.C. 170 is applicable to combustible liquids in drums, barrels, other packages transported on board cargo vessels, see § 146.02-30 of this chapter.	Stowage: "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels.	Ferry stowage (AA). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels.	Ferry stowage (BB). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries.
Bromobenzene (Bromobenzol). (Monobromobenzene).	Colorless oily liquid. Pleasant odor. Flash point slightly below 150° F. Vapors heavier than air. Immiscible with water. Heavier than water. Outside containers shall be marked either "Bromobenzene" or "Combustible liquid."	No label required.	46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.03 of this chapter.	Carboys, glass, boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass, boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Also: Carboys, glass, boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass, boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Also: Carboys, glass, boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
Butyl acetate (When possessing a flash point at or below 150° F. and above 80° F.)	Colorless limpid liquid with a fruity odor. Flash point below 90° F. Vapors heavier than air and may form explosive mixtures with air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Butyl acetate" or "Combustible liquid."	No label required.				
Butyl ether	Colorless liquid. Mild ethereal odor. Flash point about 100° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Butyl ether" or "Combustible liquid."	No label required.				
Camphor oil	A colorless oil produced by the distillation of camphor wood. Characteristic odor. Flash point about 125° F. Vapors heavier than air. Immiscible with water. Outside containers shall be marked either "Camphor oil" or "Combustible liquid."	No label required.				
Cement, leather. Cement, adhesive, N. O. S. Cement, container, liquid. Cement, linoleum. Cement, liquid, N. O. S. Cement, pyroxylin. Cement, roofing, liquid. Cement, rubber. (When possessing a flash point at or below 150° F. and above 80° F.) Cement, tile. Cement, wallboard. Coating solution.	These cements are compounded mixtures of various ingredients such as: Asphalt with petroleum distillate; cellulose nitrate in acetone; bituminous asphalt in mineral oil; raw rubber solution and gasoline, etc., all possessing similar characteristics and hazards. Flash point variable. Vapors heavier than air and may form inflammable or explosive mixtures with air. Sustained inhalation of vapors in an un-ventilated compartment is dangerous. Immiscible with water. Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid."	No label required.	46 U.S.C. 170 is applicable to combustible liquids in drums, barrels, other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.03 of this chapter.	Stowage: "On deck in open." "On deck under cover." "Tween decks readily accessible." Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. Also: Carboys, glass, boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass, boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (AA). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. Also: Carboys, glass, boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass, boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (BB). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. Also: Carboys, glass, boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass, boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Chlorobenzol. <i>Synonyms:</i> Chlorobenzene. Chlorbenzene. Chlorbenzol. Monochlorobenzene. Monochlorobenzol. Monochlorobenzol. (When possessing a flash point at or below 150° F. and above 80° F.)	Clear colorless liquid with an almond-like odor. Flash point about 85° F. Vapors heavier than air and somewhat toxic. Explosive limits. 1.8% to 9.8% in air. Immiscible with water. Heavier than water. Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid"	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Coal tar distillate. N. O. S. Coal tar light oil. Coal tar naphtha. Naphtha, solvent. Coal tar oil. (When possessing a flash point at or below 150° F. and above 80° F.)	Distillates of coal tar consisting of mixtures of benzene, toluene, and xylene. The crude is a dark straw colored liquid and the refined a water white liquid. Flash point variable. Vapors heavier than air and toxic. May form explosive mixtures with air. Immiscible with water. Generally lighter than water. Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Combustible liquids, N. O. S.	May be any liquid classifying as a combustible liquid in accordance with the definition contained in this subpart provided such combustible liquid is not otherwise specified by name herein. Outside containers shall be marked "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. <b>Authorized for stowage "On deck in open" only:</b> Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. <b>Tank cars complying with ICC rail carrier regulations.</b>
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. <b>Tank cars complying with ICC rail carrier regulations.</b>
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. <b>Tank cars complying with ICC rail carrier regulations.</b>

**Table J—Classification:**

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Compounds, cleaning, liquid..... Carbon remover, liquid. Cleaning fluid or liquid. Compounds, type cleaning, liquid. Compounds, vulcanizing, liquid. Eradicators, paint or grease, liquid. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Compounds containing volatile combustible solvents having variable flash points. Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid."</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Compounds, lacquer, paint, or varnish, etc., removing, reducing, or thinning. Lacquer removing, reducing, and thinning compounds. Paint, lacquer, and varnish removing, reducing or thinning compounds. <i>Petroleum spirits.</i> Removing compounds, paint varnish, lacquer, etc. Reducing compounds, paint, varnish, lacquer, etc. <i>Solvent, mineral spirits.</i> Thinning compounds, paint, varnish, lacquer, etc. Varnish remover or varnish reducer. Varnish thinning compounds. (When possessing a flash point at or below 150° F. and above 80° F.) Compounds, tree or weed killing liquid (when possessing a flash-point at or below 150° F. and above 80° F).	<i>Removers: Compounds which through solvent or detergent action remove old paint, etc., from surfaces.</i> <i>Reducers: Compounds which consist of exceptionally slow-drying thinners used with pyroxylin base lacquers or enamels to retard speed of drying.</i> <i>Thinners: Compounds which consist of clear liquid solvents and diluents for the reduction of primers, surfacers, and enamels to proper working consistencies.</i> <i>Flash points variable.</i> Outside containers shall be marked either with the proper shipping name (as defined in (§146.04-1), or "Combustible liquid".  <i>Flash point variable.</i> ..... Outside containers shall be marked either with the proper name or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
		No label required.	

**Combustible liquids—Continued**

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<p><b>Stowage:</b>            "On deck in open."            "On deck under cover."            "Tween decks readily accessible."            "Under deck away from heat."  <b>Outside containers:</b>            Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels.  <b>Also:</b>            Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap.            Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap.            Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap.            Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids.            Metal barrels or drums (CFC R 40) not over 110 gal. cap.            Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt.            Authorized for stowage "On deck in open" only:            Portable tanks (ICC-51) not over 20,000 lb. gr. wt.</p>	<p><b>Ferry stowage (AA)-----</b>  <b>Outside containers:</b>            Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels.  <b>Also:</b>            Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap.            Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap.            Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap.            Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids.            Metal barrels or drums (CFC R 40) not over 110 gal. cap.            Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt.            Tank motor vehicles (complying with ICC motor carrier regulations).            Portable tanks (ICC-51) not over 20,000 lb. gr. wt.</p>	<p><b>Ferry stowage (BB).</b>  <b>Outside containers:</b>            Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries.  <b>Also:</b>            Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap.            Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap.            Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap.            Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids.            Metal barrels or drums (CFC R 40) not over 110 gal. cap.            Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt.            Tank motor vehicles (complying with ICC motor carrier regulations).            Portable tanks (ICC-51) not over 20,000 lb. gr. wt.            Tank cars complying with ICC rail carrier regulations.</p>
<p><b>Stowage:</b>            "On deck in open."            "On deck under cover."            "Tween decks readily accessible."            "Under deck away from heat."  <b>Outside containers:</b>            Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels.  <b>Also:</b>            Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap.            Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap.            Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap.            Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids.            Metal barrels or drums (CFC R 40) not over 110 gal. cap.            Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt.            Authorized for stowage "On deck in open" only:            Portable tanks (ICC-51) not over 20,000 lb. gr. wt.</p>	<p><b>Ferry stowage (AA)-----</b>  <b>Outside containers:</b>            Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels.  <b>Also:</b>            Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap.            Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap.            Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap.            Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids.            Metal barrels or drums (CFC R 40) not over 110 gal. cap.            Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt.            Tank motor vehicles (complying with ICC motor carrier regulations).            Portable tanks (ICC-51) not over 20,000 lb. gr. wt.</p>	<p><b>Ferry stowage (BB).</b>  <b>Outside containers:</b>            Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries.  <b>Also:</b>            Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap.            Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap.            Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap.            Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids.            Metal barrels or drums (CFC R 40) not over 110 gal. cap.            Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt.            Tank motor vehicles (complying with ICC motor carrier regulations).            Portable tanks (ICC-51) not over 20,000 lb. gr. wt.            Tank cars complying with ICC rail carrier regulations.</p>

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Creosote, coal tar (Creosote oil.) (Dead oil.) (When possessing a flash point at or below 150° F. and above 80° F.)	Yellowish to dark green-brown oily liquid with aromatic odor. Extensively used as a wood preservative. Flash point between 120° F. and 180° F. Will contaminate foodstuffs. Immiscible with water. Heavier than water. Outside containers shall be marked either "Creosote, coal tar" or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Crude oil, petroleum (When possessing a flash point at or below 150° F. and above 80° F.)	Crude petroleum in its natural state or that which has been subjected only to natural weathering or settling and not blended with any other product. It is a heavy oily liquid having color varying from green to almost black. It usually has a disagreeable odor and varies in inflammability according to the percentage of more volatile constituents. Flash point ranges from 20° F. to 90° F. Immiscible with water. Lighter than water. Outside containers shall be marked either "Crude oil, petroleum" or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed or in kegs (ICC-1D) not over 6½ gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Decahydronaphthalene..... (Decalin).	<i>A non-toxic, clear, water-white liquid. Aromatic odor. Flash point about 154° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Decahydronaphthalene" or "Combustible liquid".</i>	No label required	48 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Dichloropentanes.....	<i>Colorless to light yellow liquid. Flash point 97° to 105° F. Vapors heavier than air and may form explosive mixtures with air. Immiscible with water. Heavier than water. Outside containers shall be marked "Dichloropentane" or "Combustible liquid".</i>	No label required.	
Diisobutyl ketone.....	<i>Colorless liquid with mild odor. Flash point about 140° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Diisobutyl ketone" or "Combustible liquid".</i>	No label required.	
Dinitrotoluene, liquid (dinitrotoluol, liquid).	<i>Yellow-brown liquid resulting from partial nitration of toluene. Combustible but not explosive. Flash point variable. Vapors heavier than air and are irritating and suffocating. Immiscible with water. Outside containers shall be marked either "Dinitrotoluene, liquid" or "Combustible liquid."</i>	No label required.	
Disinfectant, liquid..... (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Liquid compounds for use as disinfectants. Flash point variable. Outside containers shall be marked either "Disinfectant, liquid" or "Combustible liquid."</i>	No label required.	
Drugs, chemicals, medicines or cosmetics, N. O. S. A unit substance or a compound classified as a combustible liquid in accordance with the definition contained herein, when prepared, packed, and offered to the trade as drugs, chemicals, medicines, or cosmetics In quantity not exceeding 1 pint or 16 ounces by weight, in glass or earthenware containers, or 1 quart or 32 ounces by weight in inside metal containers.	<i>Outside containers shall be marked either "Drugs" or "Chemicals" or "Medicines" or "Cosmetics" or "Combustible liquid."</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferrystowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck protected." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Strong wooden barrels, WIC, not over 400 lb. gr. wt. Strong wooden boxes, WIC, not over 200 lb. gr. wt. Strong wooden boxes, WIC, not over 200 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Strong wooden barrels, WIC, not over 400 lb. gr. wt. Strong wooden boxes, WIC, not over 200 lb. gr. wt. Fiberboard boxes, WIC, not over 90 lb. gr. wt.	<b>Ferry stowage (BB).....</b> <b>Outside containers:</b> Strong wooden barrels, WIC, not over 400 lb. gr. wt. Strong wooden boxes, WIC, not over 200 lb. gr. wt. Fiberboard boxes, WIC, not over 90 lb. gr. wt.

NOTE: Observe instructions regarding "This side up" stowage when packages are so marked. It is not required that the above containers be ICC or CFC specification containers, although these specification containers are acceptable but the officer in charge of loading the vessel shall satisfy himself that they are sufficient in all respects for the purposes intended. He shall reject all containers showing damage, leakage, or inability to properly contain the substance.



Table J—Classification.

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Drugs, chemicals, medicines or cosmetics, N. O. S. A unit substance or a compound classified as a combustible liquid in accordance with the definition contained herein, when prepared, packed, and offered to the trade as drugs, chemicals, medicines, or cosmetics. In containers exceeding 1 quart capacity or 32 ounces by weight.	Outside containers shall be marked either "Drugs" or "Chemicals" or "Medicines" or "Cosmetics" or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels. See §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see §30.01-5 of this chapter.
Ethyl benzene	Colorless liquid. Aromatic odor. Flash point about 85° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Ethyl benzene" or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see §30.01-5 of this chapter.
Ethyl butyl acetate	Colorless liquid with mild odor. Flash point about 137° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Ethyl butyl acetate" or "Combustible liquid".	No label required.	
Ethyl butyrate	Colorless liquid with pineapple odor. Flash point below 100° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Ethyl butyrate" or "Combustible liquid".	No label required.	
Ethyl chloroacetate	A water-white liquid with a fruity odor. Flash point about 130° F. Vapors heavier than air. Immiscible with water. Heavier than water. Outside containers shall be marked either "Ethyl chloroacetate" or "Combustible liquid".	No label required.	
Ethyl lactate	Colorless liquid with mild odor. Flash point about 115° F. Vapors heavier than air. Miscible with water. Heavier than water. Outside containers shall be marked either "Ethyl lactate" or "Combustible liquid".	No label required.	

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Ethyl silicate.....	<i>Colorless liquid. Faint odor.</i> <i>Flash point about 185° F.</i> <i>Vapors heavier than air.</i> <i>Hydrolyzes in water to adhesive silica.</i> <i>Lighter than water.</i> Outside containers shall be marked either "Ethyl silicate" or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Ethylene chlorhydrin.....	<i>Colorless liquid with faint ethereal odor.</i> <i>Flash point about 140° F.</i> <i>Vapors heavier than air.</i> <i>Miscible with water.</i> <i>Heavier than water.</i> Outside containers shall be marked either "Ethylene chlorhydrin" or "Combustible liquid."	No label required.	
Ethylene glycol diethyl ether (diethyl "Cellosolve").	<i>Colorless liquid with faint ethereal odor.</i> <i>Flash point about 100° F.</i> <i>Vapors heavier than air.</i> <i>Immiscible with water.</i> <i>Lighter than water.</i> Outside containers shall be marked either "Ethylene glycol diethyl ether" or "Combustible liquid."	No label required.	
Ethylene glycol monomethyl ether (methyl "Cellosolve").	<i>Colorless limp liquid with agreeable odor.</i> <i>Flash point about 115° F.</i> <i>Vapors heavier than air.</i> <i>Miscible with water.</i> <i>Lighter than water.</i> Outside containers shall be marked either "Ethylene glycol monomethyl ether" or "Combustible liquid."	No label required.	
Ethylene glycol monoethyl ether ("Cellosolve").	<i>Colorless liquid. Faint mild odor.</i> <i>Flash point about 130° F.</i> <i>Vapors heavier than air.</i> <i>Miscible with water.</i> <i>Lighter than water.</i> Outside containers shall be marked either "Ethylene glycol monoethyl ether" or "Combustible liquid."	No label required.	

## Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations) Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Ethylene glycol monomethylether acetate (methyl "Cellosolve" acetate).	Colorless liquid. Agreeable odor. Flash point about 140° F. Vapors heavier than air. Miscible with water. Heavier than water. Outside containers shall be marked either "Ethylene glycol monomethyl ether acetate" or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-6 of this chapter.
Ethylene glycol monoethyl ether acetate ("Cellosolve" acetate).	Colorless liquid. Agreeable odor. Flash point about 140° F. Vapors heavier than air. Miscible with water. Lighter than water. Outside containers shall be marked either "Ethylene glycol monoethyl ether acetate" or "Combustible liquid".	No label required.	
Ethylhexaldehyde	Colorless liquid. Mild odor. Flash point about 125° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Ethylhexaldehyde" or "Combustible liquid".	No label required.	
Extracts, liquid, flavoring. (When possessing a flash point at or below 150° F. and above 80° F.)	Usually consist of alcoholic solutions. Hazard similar to that of alcohol. Flash point variable. Outside containers shall be marked either "Extracts, liquid, flavoring" or "Combustible liquid".	No label required.	

Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (AA). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	Ferry stowage (BB). Outside containers: Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. Also: Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Formaldehyde..... (Formalin).	<i>Clear colorless liquid with a suffocating pungent odor. Irritating to mucous membrane; corrosive to the skin. Flash point variable, over 80° F. Vapors about same density as air. Miscible with water. Will contaminate foodstuffs. Stow away from living quarters. Do not stow with corrosive liquids (white label) or with bleaching powder (chloride of lime). Outside containers shall be marked either "Formaldehyde" or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 301a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Fuel oil, C. S. No. 1..... Fuel oil, C. S. No. 2. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>A distillate oil which may be used as fuel for internal combustion engines, or heating or cooking installations. Flash point: Usual minimum, 100° F. Outside containers shall be marked either "Fuel oil, C. S. No. 1", "Fuel oil, C. S. No. 2", or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.
Fuel oil, C. S. No. 4..... Fuel oil, C. S. No. 5. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>A distillate oil which may be used as fuel for internal combustion engines, or heating or cooking installations. Flash point: Usual minimum, 130° F. Outside containers shall be marked either "Fuel oil, C. S. No. 4", "Fuel oil, C. S. No. 5", or "Combustible liquid".</i>	No label required.	46 U.S.C. 301a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Fuel oil..... Gas oil. Range oil. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Distillates other than C. S. No. 1, 2, or 3, which may be used as fuels for internal combustion engines or heating or cooking installations. Flash point variable. Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1), or "Combustible liquid".</i>	No label required.	

Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Hardwood barrels, nonspecification, not over 50 gal. cap. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Steel drums (asphalt lined), nonspecification, not over 110 gal. cap. <b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Hardwood barrels, nonspecification, not over 50 gal. cap. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Steel drums (asphalt lined), nonspecification, not over 110 gal. cap. <b>Ferry stowage (A).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).....</b> <b>Outside containers:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-5C, 5G) not over 110 gal. cap. Aluminum barrels or drums (ICC-42B, 42C) not over 110 gal. cap. Wooden barrels or kegs (ICC-10A, 10B, 10C) not over 50 gal. cap. Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) WIC, not over 200 lb. gr. wt. Fiberboard boxes (ICC-12B) WIC, not over 65 lb. gr. wt. Hardwood barrels, nonspecification, not over 50 gal. cap. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Steel drums (asphalt lined), nonspecification, not over 110 gal. cap. Tank cars (ICC-103, 104, 104A) (ARA II, ARA III, ARA IV). <b>Ferry stowage (BB).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
<b>Furfural</b> ..... (When possessing a flash point at or below 180° F. and above 80° F.)	<i>Colorless mobile liquid; changes to red-dish-brown upon exposure to light and air. Penetrating, obnoxious odor. Flash point variable, over 140° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Furfural" or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-6 of this chapter.
<b>Fusel oil</b> .....	<i>Clear colorless liquid. Disagreeable odor. Poisonous. Flash point about 106° F. Miscible with water. Lighter than water. Outside containers shall be marked either "Fusel oil" or "Combustible liquid".</i>	No label required.	
<b>Gas drips, hydrocarbon</b> ..... (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Condensate of commercial gas; odor of illuminating gas. Flash point variable. Vapors heavier than air and may form explosive mixtures with air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Gas drips, hydrocarbon" or "Combustible liquid."</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-6 of this chapter.

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)</b> ..... <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck in open." "On deck under cover." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)</b> ..... <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Hexaldehyde.....	<i>Colorless liquid with sharp odor.</i> <i>Flash point about 90° F.</i> <i>Vapors heavier than air.</i> <i>Immiscible with water.</i> <i>Lighter than water.</i> Outside containers shall be marked either "Hexaldehyde" or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.
Ink.....	<i>Colored liquids of various bases with solvents such as acetone, alcohol, etc.</i> <i>Flash point variable.</i> Outside containers shall be marked either "Ink" or "Combustible liquid".	No label required.	46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Insecticide, liquid ( <i>vermin exterminator</i> ). (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Liquid insecticides frequently containing petroleum or coal tar distillates.</i> <i>Flash point variable.</i> Outside containers shall be marked either "Insecticides, liquid" or "Combustible liquid".	No label required.	

Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
<b>Kerosene.</b> <i>Synonyms:</i> Coal oil. Kerogene. Long time burning oil. Paraffin. Refined oil. Refined petroleum. Water white. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Petroleum distillate commonly used for heating and lighting.</i> <i>Also known as burning oil, lamp oil, coal oil, and illuminating oil.</i> <i>Colorless liquid.</i> <i>Flash point ranges between 81° F. and 141° F.</i> <i>Immiscible with water.</i> <i>Lighter than water.</i> Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
<b>Lacquer base or lacquer chips, plastic (wet with at least 80% by weight of alcohol or other solvent with a flash point not lower than 50° F.).</b> (When possessing a flash point at or below 150° F. and above 80° F.)	<i>The film forming part of lacquer composed of nitrocellulose together with a plasticizer and pigments.</i> <i>Incited in a fire, will give off nitrous fumes which are deep orange in color and very toxic.</i> <i>Flash point variable depending on solvent used.</i> <i>Immiscible with water.</i> Outside containers shall be marked either "Lacquer base, plastic", "Lacquer chips, plastic", or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
<b>Leather bleach.</b> (When possessing a flash point at or below 150° F. and above 80° F.)	<i>A compound used to decolorize leather or certain fabrics.</i> <i>Flash point variable.</i> Outside containers shall be marked either "Leather bleach" or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter.
<b>Leather dressing.</b> (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Preparations used to retard the drying of the natural oils in leather and to restore softness and pliability.</i> <i>Flash point variable.</i> Outside containers shall be marked either "Leather dressing" or "Combustible liquid".	No label required.	46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

## Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
(See foregoing.)	(See foregoing.)	(See foregoing.)
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry Stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Mercaptan mixtures, aliphatic..... (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Colorless to lemon-yellow liquids having a very disagreeable odor. Flash point variable. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Mercaptan mixtures, aliphatic" or "Combustible liquid."</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Mesityl oxide.....	<i>Oilily colorless liquid. Sharp odor. Flash point about 90° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Mesityl oxide" or "Combustible liquid."</i>	No label required.	
Methyl amyl acetate.....	<i>Water white liquid. Agreeable odor. Flash point about 115° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Methyl amyl acetate" or "Combustible liquid."</i>	No label required.	
Methyl amyl ketone.....	<i>Water white liquid. Mild odor. Flash point about 120° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Methyl amyl ketone" or "Combustible liquid."</i>	No label required.	

## Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.



Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Motor fuel, N. O. S. (When possessing a flash point at or below 150° F. and above 80° F.)	Any fuel for internal combustion engines classifying as a combustible liquid in accordance with the definition contained in this subpart which is not otherwise specified by name herein. Flash point variable. Vapors heavier than air and may form explosive mixtures with air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Motor fuel, N. O. S." or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Oil Oil, N. O. S. Petroleum oil. Petroleum oil, N. O. S. (When possessing a flash point at or below 150° F. and above 80° F.)	Any oil product derived from crude petroleum classifying as a combustible liquid in accordance with the definition contained in this subpart which is not otherwise specified by name herein. Flash point variable. Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1), or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." <b>Outside containers:</b> Any ICO specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).</b> <b>Outside containers:</b> Any ICO specification container as shown in the inflammable liquids table (§146.21-100) for ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICO specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck in open." "On deck under cover." <b>Outside containers:</b> Any ICO specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).</b> <b>Outside containers:</b> Any ICO specification container as shown in the inflammable liquids table (§146.21-100) for ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICO specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Paint, enamel, lacquer, stain, shellac, varnish, aluminum, bronze, gold, wood filler, liquid, and lacquer base, liquid. Aluminum liquid (or paint). Bronze liquid (or paint). Compounds, enamel. Driers, paint, varnish, enamel, etc. Enamel. Furniture or wood stain, liquid. Gold paint. Lacquer. Lacquer base, liquid. Mortar stain, liquid. Paint driers, liquid. Paint, liquid. Shellac. Shellac, liquid. Stain. Varnish. Varnish driers. Wood filler. Wood stain, liquid. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Generally consist of a film forming agent, a vehicle (or solvent) and a pigment. May also contain driers, diluents or plasticizers. Flash point variable. May or may not be miscible with water. Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Paraldehyde.....	<i>Colorless liquid, pleasant odor. Flash point about 100° F. Vapors heavier than air. Miscible with water. Slightly lighter than water. Outside containers shall be marked either "Paraldehyde" or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Petroleum distillate, N. O. S..... (When possessing a flash point at or below 180° F. and above 80° F.)	<i>Any oil distillate product derived from crude oil classifying as a combustible liquid in accordance with the definition contained in this subpart which is not otherwise specified by name herein. Flash point variable. Vapors heavier than air and may form explosive mixture with air. Immiscible with water. Lighter than water. Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid".</i>	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

Combustible liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Wooden boxes, nonspecification, WIC, not over 200 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck in open." "On deck under cover." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Pine oil..... (When possessing a flash point at or below 150° F. and above 80° F.)	A colorless or pale yellow to greenish yellow oil with a penetrating agreeable odor. Flash point usually over 135° F. Vapors heavier than air. Immiscible with water. Capable of causing spontaneous heating in contact with organic substances. Outside containers shall be marked either "Pine oil" or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (IOC-1A, 1C), not over 13 gal. cap. Carboys, glass; boxed (IOC-1D) not over 6½ gal. cap. Steel barrels or drums (IOC-17X) STC, not over 55 gal. cap. Carboys, glass; boxed (IOC-1D) not over 6½ gal. cap. Steel barrels or drums (IOC-17X) STC, not over 55 gal. cap. Steel barrels or drums (IOC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (OFC R 40) not over 110 gal. cap. Fiberboard boxes (OFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (IOC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (IOC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (IOC-1D) not over 6½ gal. cap. Steel barrels or drums (IOC-17X) STC, not over 55 gal. cap. Steel barrels or drums (IOC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (OFC R 40) not over 110 gal. cap. Fiberboard boxes (OFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (IOC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).....</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (IOC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (IOC-1D) not over 6½ gal. cap. Steel barrels or drums (IOC-17X) STC, not over 55 gal. cap. Steel barrels or drums (IOC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (OFC R 40) not over 110 gal. cap. Fiberboard boxes (OFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (IOC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Plastic solvent, N. O. S.----- (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Organic solvent or various plastics.</i> ----- <i>Flash point variable.</i> Outside containers shall be marked either "Plastic solvent, N. O. S." or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 20.01-5 of this chapter.
Polishes, metal, stove, furniture, and wood liquid. Compounds, polishing, liquid. Furniture polish. Metal polish, liquid. Stove polish, liquid. Wood polish, liquid. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Liquid preparations used to remove film from surfaces and to restore and protect the finish of such surfaces.</i> <i>May or may not be miscible with water.</i> Outside containers shall be marked either with the proper shipping name (as defined in § 146.04-1) or "Combustible liquid."	No label required.	
Pyridine----- (When possessing a flash point at or below 150° F. and above 80° F.)	<i>A colorless or slightly yellow liquid having a penetrating and offensive odor.</i> <i>Flash point variable usually below 80° F.</i> <i>Vapors heavier than air and may form explosive mixtures with air.</i> <i>Miscible with water.</i> <i>Lighter than water.</i> Outside containers shall be marked either "Pyridine" or "Combustible liquid."	No label required.	
Pyroxylin solution----- (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Pyroxylin dissolved in amyl acetate or other solvent.</i> <i>Flash point variable.</i> <i>Involved in fire, gives off toxic nitrous fumes.</i> Outside containers shall be marked either "Pyroxylin solution" or "Combustible liquid."	No label required.	
Pyroxylin solvent, N. O. S.----- (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Organic liquids or mixtures of liquids that act as solvents of pyroxylin.</i> <i>Flash point variable.</i> Outside containers shall be marked either "Pyroxylin solvent, N. O. S." or "Combustible liquid."	No label required.	
Resin solution (when possessing a flash point at or below 150° F. and above 80° F.).	<i>Resin dissolved in a volatile solvent.</i> ----- <i>Flash point variable.</i> Outside containers shall be marked either "Resin solution" or "Combustible liquid."	No label required.	

## Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA).</b> ----- <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for ferry vessels <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> ----- <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§ 146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Road asphalt or tar, liquid. <i>Asphalt, cut-back.</i> <i>Asphaltic surfacing material.</i> Tar, liquid. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Substances prepared by fluring tar or asphalt with petroleum distillate.</i> <i>Pungent odor.</i> <i>Flash point variable.</i> <i>Immiscible with water.</i> <i>Heavier than water.</i> Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid".	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see §146.02-30 of this chapter. 46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 80.01-6 of this chapter.
Road oil. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Asphaltum or coal tar liquids prepared for use as binders or dressings for road surfaces.</i> <i>Flash point variable.</i> <i>Immiscible with water.</i> <i>Heavier than water.</i> Outside containers shall be marked either "Road oil" or "Combustible liquid".	No label required.	
Rust preventive coating ( <i>asphaltum, coal tar or pitch base</i> ).	<i>Liquid coatings of varying consistencies.</i> <i>Flash point variable.</i> <i>Liquid thinners or solvents used for working rust preventive coatings.</i> <i>The flash point of the type classifying as a combustible liquid is usually from 110° F. to 120° F.</i> Outside containers shall be marked either with the proper shipping name (as defined in §146.04-1), or "Combustible liquid".	No label required.	
Sodium methylate, alcohol mixture. (When possessing a flash point at or below 150° F. and above 80° F.)	<i>Sodium methylate dissolved in alcohol.</i> <i>Flash point variable.</i> Outside containers shall be marked either "Sodium methylate, alcohol mixture" or "Combustible liquid".	No label required.	

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only: Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be reused for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

Table J—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Solvents, N. O. S. When possessing a flash point at or below 150° F. and above 80° F.	Any solvent classifying as a combustible liquid in accordance with the definition contained in this subpart which is not otherwise specified by name herein. Flash point variable. Outside containers shall be marked either "Solvents, N. O. S." or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.
Stoddard solvent	Petroleum distillate used in dry cleaning. Flash point not lower than 100° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Stoddard solvent" or "Combustible liquid."	No label required.	46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Styrene (styrene monomer)	Colorless or yellowish oily liquid. Aromatic odor. Avoid inhalation of vapors. Do not allow liquid or vapor in contact with skin or eyes. Flash point about 90° F. Vapors heavier than air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Styrene" or "Combustible liquid."	No label required.	
Turpentine	A mixture of resin and volatile oil. Characteristic odor. Flash point 90° F. to 115° F. Vapors heavier than air. Immiscible with water. Lighter than water. Capable of causing spontaneous heating in contact with organic substances. Outside containers shall be marked either "Turpentine" or "Combustible liquid."	No label required.	
Turpentine substitutes (When possessing a flash point at or below 150° F. and above 80° F.)	Special fractions of petroleum oils used in place of turpentine as a paint thinner, etc. Flash point variable. Immiscible with water. Lighter than water. Outside containers shall be marked either "Turpentine substitutes" or "Combustible liquid."	No label required.	46 U.S.C. 170 is not applicable to combustible liquids in drums, barrels or other packages transported on board cargo vessels, see § 146.02-30 of this chapter.
Waxes, liquid (When possessing a flash point at or below 150° F. and above 80° F.)	Liquid wax preparations. Flash point variable. Immiscible with water. Outside containers shall be marked either "Waxes, liquid" or "Combustible liquid."	No label required.	46 U.S.C. 391a is applicable to transportation of combustible liquids in bulk, see § 30.01-5 of this chapter.
Xylol (xylene) (When possessing a flash point at or below 150° F. and above 80° F.)	Colorless liquid having a characteristic aromatic odor. Flash point below 122° F. Vapors heavier than air and are toxic and suffocating. May form explosive mixtures with air. Immiscible with water. Lighter than water. Outside containers shall be marked either "Xylol" or "Combustible liquid."	No label required.	

Combustible Liquids—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.
<b>Stowage:</b> "On deck in open." "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for passenger vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Authorized for stowage "On deck in open" only. Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (AA)-----</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for ferry vessels. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt.	<b>Ferry stowage (BB).</b> <b>Outside containers:</b> Any ICC specification container as shown in the inflammable liquids table (§146.21-100) for car ferries. <b>Also:</b> Carboys, glass; boxed or in kegs (ICC-1A, 1C) not over 13 gal. cap. Carboys, glass; boxed (ICC-1D) not over 6½ gal. cap. Steel barrels or drums (ICC-17X) STC, not over 55 gal. cap. Steel barrels or drums (ICC-17C, 17E, 17H, 17X) STC, may be re-used for shipment of these combustible liquids. Metal barrels or drums (CFC R 40) not over 110 gal. cap. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles (complying with ICC motor carrier regulations). Portable tanks (ICC-51) not over 20,000 lb. gr. wt. Tank cars complying with ICC rail carrier regulations.

[CGFR 53-26, 18 F.R. 5221, Sept. 1, 1953, as amended by CGFR 53-54, 18 F.R. 8246, Dec. 6, 1953; CGFR 56-29, 21 F.R. 7189, Sept. 20, 1956; CGFR 57-49, 22 F.R. 10062, Dec. 14, 1957; CGFR 59-14, 24 F.R. 5276, June 30, 1959; CGFR 59-46, 24 F.R. 9392, Nov. 21, 1959; CGFR 63-19, 28 F.R. 5384, May 30, 1963; CGFR 64-20, 29 F.R. 6795, May 23, 1964]

### Subpart 146.27—Detailed Regulations Governing Hazardous Articles

SOURCE: The provisions of this Subpart 146.27 contained in CGFR 53-26, 18 F.R. 5240, Sept. 1, 1953, unless otherwise noted.

#### § 146.27-1 Definition of a hazardous article.

A hazardous article is defined for the purpose of the regulations in this subchapter as any article or substance (other than an explosive, inflammable liquid, inflammable solid, oxidizing material, corrosive liquid, compressed gas, poisonous article or combustible liquid, as defined in this subchapter) which meets one or more of the following conditions:

- (a) Liable to spontaneous heating in excess of 10° F. when subjected to a test of three continuous hours in a Mackey apparatus at or below a temperature of 212° F.
- (b) Liberates vapor susceptible to ignition by spark or open flame at or below a temperature of 300° F.
- (c) Specifically named as hazardous in this subpart.

This definition is binding upon all ship-owners making shipments of hazardous articles by any vessel and shall apply to owners, charterers, agents, master or other person in charge of a vessel, and to other persons transporting, carrying, conveying, storing, stowing, or using hazardous articles on board vessels subject to R.S. 4472, as amended, and the regulations in this subchapter.

#### § 146.27-5 Liquids exempt.

Liquids which liberate vapor susceptible to ignition at a temperature above 150° F. and which possess no other characteristics that are determined by the Commandant to be potentially dangerous to health, life, limb or property, packed in drums, barrels, or other closed containers and offered for transportation on board vessels as cargo, are not subject to the regulations in this part.

[CGFR 64-20, 29 F.R. 6796, May 23, 1964]

#### § 146.27-10 Stowage on board vessels.

All hazardous articles permitted for transportation on board vessels shall, when taken on board a vessel, be stowed in accordance with the provisions applying to the particular character of vessel as shown in the tables forming § 146.27-100 and with the general stowage requirements shown in this subpart.

#### § 146.27-15 General stowage requirements.

Hazardous articles shall not be stowed in any compartment or hold in which explosives are stowed.

#### § 146.27-20 Protection for "On deck" stowage.

Hazardous articles that are permitted stowage "on deck in open" or "on deck protected" may be protected by the use of structural erections, awnings, or tarpaulins.

#### § 146.27-25 Requirements and conditions for loading, stowing and transporting baled cotton.

(a) Scope. Baled cotton may be transported on board vessels subject to R.S. 4472, as amended (46 U.S.C. 170), when the applicable requirements and conditions in this section are met.

(b) Conditions of acceptance and stowage. (1) All cotton shall be secured baled and bound and covered with bagging on at least three-fourths of its surface, including both ends of the bale except that cut cotton linters may be accepted when baled and covered with bagging on the soft sides only, if the bale is compressed to a density of not less than thirty-two pounds per cubic foot and is bound with six or more bands per bale. Poorly compressed bales will not be accepted. Bales having damaged bindings shall not be accepted. Loose cotton shall not be accepted for transportation on board any vessel.

(2) Bales that are wet or have been wetted by rain or other moisture shall be stowed separate from dry cotton preferably in a 'tween deck, not over stowed. Bales that are saturated shall not be accepted.

(3) "Burnt Cotton" shall be accepted for transportation under regulations set forth in the inflammable solids table in § 146.22-100. Assorted burnt, scorched and discolored cotton pickings which have been air or steam dried and rebaled with standard bagging and pressed to a density not less than is customary for merchantable cotton, may be stowed in a 'tween deck but not over stowed.

(4) Bales showing contact with oil or grease shall not be accepted.

(5) Cotton shall not be stowed in a hold lately used for oil cargo unless the hold has been steamed or otherwise cleaned so as to completely remove all traces of oil residue. Particular care

shall be exercised if the recent cargo contained any vegetable or animal oils. Holds which have been recently painted shall not be utilized for cotton stowage unless thoroughly dry.

(6) Upon completion of stowage, hatch openings shall be completely closed, tarpaulins where required shall be fitted and secured in place to provide a tight hold. Missing hatch cover sections shall not be permitted. During periods of temporary stoppage of loading the hatch may be left open. In such case a fire watch designated by the master shall be provided and stationed in the hold in which the cotton is stowed.

(7) Ventilator cowls feeding into holds containing cotton, shall have spark screens to prevent ingress of sparks.

(8) Cotton may be stowed in a hold having a division bulkhead which also forms a boundary of a boiler room, engine room, coal bunker or galley: *Provided*, That the cotton stowed in such hold is adequately dunnaged off the bulkhead. For a boiler room bulkhead such dunnaging shall provide at least a 2-inch space between the bulkhead and the cotton. For an engine room bulkhead such dunnaging shall provide at least a 2-inch space between the bulkhead and the cotton. This provision shall be observed when cotton is stowed under such conditions on board cargo vessels or passenger vessels.

(9) 'Tween deck hatches in holds in which cotton is stowed shall be closed with hatch covers, tarpaulins, and dunnage, except that metal hatch covers which are effectively sealed by other means to provide equivalent protection may be considered to fulfill this requirement.

(6) General vessel requirements. (1) The holds or compartments in which cotton is stowed shall be equipped with a carbon dioxide system or a steam smothering system or an installation of equivalent efficiency. The extinguishing system shall be examined, prior to loading, to assure that it is in good working condition.

(2) In ports where local regulations require, spark arrestors shall be fitted to funnels.

(3) The vessel, the dock, and lighters, alongside shall be checked and any source of spark or any naked lights shall be eliminated. Fires likely to produce sparks and which cannot be eliminated shall not be permitted under such conditions in the judgment of the master or

officer in charge of the vessel will serve to protect against fire to the cotton.

(4) Fire hose shall be connected. Fire pumps shall be seen in operation prior to loading and pressure shall be maintained on the fire mains during loading, ready for instant use. Portable fire extinguishers shall be so placed as to be readily available. Such fire hose, fire pumps and fire extinguishers may be the vessel's equipment or shore equipment.

(5) Smoking shall not be permitted on board a vessel loading or discharging cotton except at such times and in such places as designated by the master or officer in charge. "No smoking" signs shall be posted in appropriate places and the officer in charge of loading shall see that they are observed.

(6) The hold shall be clear of all debris and swept broom clean.

(d) Cargo vessel; mixed stowage requirements—(1) Explosives. The engine and boiler spaces or one hatch shall intervene, except that small arms ammunition without explosives loaded bullets (ICC and Coast Guard Class C explosives) may be stowed in holds adjacent to, and in holds above and below those containing cotton provided tween deck hatches are closed off with hatch covers, then covered with asbestos paper, tarpaulins and dunnage.

(2) Inflammable liquids, inflammable compressed gases, inflammable solids or oxidizing materials. These substances shall not be stowed in the same hold with cotton, nor in the hold above or the hold below one containing cotton. When possible these substances should not be stowed in a hold adjacent to a hold containing cotton. When it is impossible to provide such separation, these substances may be stowed in holds adjacent to one containing cotton: *Provided*, That the holds are separated by a tight steel bulkhead: *And provided further*, That the inflammable liquids, inflammable compressed gases, inflammable solids or oxidizing materials are packed in metal containers.

(3) Cotton shall not be stowed in the same hold with liquids having a flash point at or below 150° F. and above 80° F. Cotton may be stowed in a hold adjacent, any hold above or any hold below one containing these substances: *Provided*, That the holds are separated by a tight steel bulkhead or deck.

(4) Corrosive liquids. Corrosive liquids shall not be stowed in any hold over

one in which cotton is stowed unless the deck is of steel and the hatch is fitted with a tight coaming and the deck itself is tight against leakage. In no event shall corrosive liquids be stowed over the square of the hatch.

(5) Poisonous articles. Extremely dangerous poisons, Class A; Tear gases or irritating substances, Class C; or Radioactive materials, Class D; shall not be stowed in the same hold with cotton.

(6) Cotton with sulfur in bulk. (i) Cotton may be stowed in the same hold over sulfur provided the sulfur has been trimmed and leveled and the hold thoroughly cleaned of sulfur dust. A tight floor of two 1-inch crossed clean dunnage boards shall be laid on the sulfur before cotton is stowed.

(ii) These substances may be stowed alongside each other in the same hold provided they are separated by a tight wood bulkhead constructed dustproof.

(iii) When bulk sulfur is loaded in a lower hold, cotton shall not be stowed in a 'tween deck hold until such hold has been thoroughly cleaned of all sulfur dust and the 'tween deck hatch covers are in place, and covered with tarpaulins and dunnage.

(7) Cotton with rosin or pitch. When practicable these commodities should be stowed in separate holds. When such stowage is not possible cotton may be stowed in the same hold with these substances provided the substances and the cotton are separated by clean dunnage or other cargo of a non-combustible nature. When such stowage within the same hold involves considerable amounts of these substances the rosin or pitch shall after stowage be floored off with at least two layers of 1-inch dunnaging and the cotton stowed above.

(8) Cotton with vegetable oils, animal oils, or rosin oil. (i) When possible the stowage of fish oils, whale oil, vegetable oils, animal oils or rosin oil should be arranged to be in separate compartments. If this is not possible it should be stowed so that there is no contact with these substances. If cotton is carried over fish oils, whale oil, vegetable oils, animal oils or rosin oil, a tight 2-inch floor of dunnage boards shall be laid over these oils before the cotton is placed on top.

(ii) Cotton shall not be stowed in the hold below one in which these substances are stowed, unless the 'tween deck hatch is fitted with a tight coaming and the deck is of steel and tight against leakage.

(9) Cotton with coal. Cotton and coal shall not be stowed in the same hold. Cotton may be stowed in a hold adjacent to one in which coal is stowed provided that the holds are separated by a tight steel bulkhead and the cotton is dunnaged 2 inches off such division bulkhead. Cotton may be stowed in the compartment above or below one in which coal is stowed provided the deck is of steel and hatches are closed off with hatch covers and tarpaulins.

(10) Cotton with synthetic nitrate of soda. These substances may be transported when stowed in adjacent holds, or holds above or below, provided the holds are separated by a tight steel bulkhead or deck and the hatch covers are in place and covered with tarpaulins.

(e) *Passenger vessels; mixed stowage requirements.* (1) Explosives. The engine and boiler spaces or one hatch shall intervene.

(2) Inflammable liquids, inflammable compressed gases, inflammable solids or oxidizing materials. These substances shall not be stowed in the same hold, an adjacent hold, the hold above or below one containing cotton.

(3) Liquids having a flash point at or below 150° F. and above 80° F. shall not be stowed in the same hold, the hold above or the hold below one containing cotton. These substances may be stowed in a hold adjacent to one containing cotton provided the holds are separated by a tight steel bulkhead.

(4) Corrosive liquids. Corrosive liquids shall not be stowed in any hold above one in which cotton is stowed unless the deck is of steel and the hatch is fitted with a tight coaming and the deck itself is tight against leakage. In no event shall corrosive liquids be stowed over the square of the hatch.

(5) Poisonous articles. Extremely dangerous poisons, Class A; tear gases or irritating substances, Class C; or radioactive materials, Class D; shall not be stowed in the same hold with cotton.

(6) Cotton with sulfur in bulk. (i) Cotton shall not be stowed in the same hold with sulfur in bulk. (ii) When bulk sulfur is loaded in a lower hold cotton shall not be stowed in a 'tween deck hold until such hold has been thoroughly cleaned of all sulfur dust and the 'tween deck hatches are in place, and covered with tarpaulins and dunnage.

(7) Cotton with rosin or pitch. When practicable these commodities should be stowed in separate holds. When such is

not possible cotton may be stowed in the same hold with these substances provided the substances and the cotton are separated by clean dunnage or other cargo of a non-combustible nature. When stowage within the same hold involves considerable amounts of these substances the rosin or pitch shall be floored off with at least two layers of one inch dunnaging and the cotton stowed above.

(8) Cotton with vegetable oils, animal oils, or rosin oil. Cotton shall not be stowed in the same hold in which fish oils, whale oil, vegetable oils, animal oils, or rosin oil are stowed. Cotton shall not be stowed in a hold below one in which these substances are stowed unless the 'tween deck hatch is fitted with a tight coaming and the deck is of steel and tight against leakage.

(9) Cotton with coal. Cotton shall not be stowed in the same hold, a hold adjacent, the hold above or the hold below, one containing coal (as cargo).

[CGFR 58-54, 18 F.R. 8246, Dec. 16, 1953; 19 F.R. 821, Feb. 12, 1954, as amended by CGFR 56-47, 21 F.R. 8973, Nov. 17, 1956; CGFR 57-30, 22 F.R. 4447, June 25, 1957; CGFR 60-33, 25 F.R. 5243, June 11, 1960; CGFR 61-11, 26 F.R. 3925, May 5, 1961; CGFR 65-17, 30 F.R. 7443, June 5, 1965]

#### § 146.27-30 Automobiles or other self-propelled vehicles offered for transportation with fuel tanks containing gasoline.

(a) Automobiles or other self-propelled vehicles with fuel tanks containing gasoline may be accepted for transportation on board vessels inspected and certificated for ocean or unlimited coastwise voyages subject to the following conditions:

(1) For automobiles stowed in a cargo hold with other cargo, battery cables shall be disconnected and taped to prevent shorting. Automobiles need not have battery cables disconnected if transported on a vessel designed and constructed as a vehicle carrier as provided in Coast Guard approved plans, or if stowed "On deck."

(2) The fuel tank shall not be over ½ full.

(3) The stowage shall be "On deck" or in a ventilated cargo hold or compartment that is fitted with an overhead water sprinkler system or inert gas smothering system.

(4) The hold or compartment in which the vehicles are stowed shall be equipped with an approved fire detecting system.

(5) The compartments or holds which are fitted with electrical circuits having electrical equipment within the compartment or hold shall have such circuits disconnected from all sources of power supply at the switch board, unless the requirements of § 111.65-10 (Subchapter J—Electrical Engineering) of this chapter are met. The circuit shall be de-energized by a positive means so that it cannot be again connected until the vehicles have been discharged from the hold or compartment.

(6) After the stowage of the vehicles has commenced in a hold or compartment that is not fitted with fixtures meeting the requirements of § 111.65-10 of this chapter, no means of artificial lighting shall be used within the space unless such equipment is of explosion proof type. Electrical connections for portable lights shall be made from outlets on the weather deck. Hand flashlights used in the stowage area shall be of an approved type.

(7) No other cargo of a dangerous or hazardous nature shall be stowed in the same hold or compartment with vehicles with fuel in the tanks.

(8) Equipment used for handling vehicles shall be so designed that the fuel tank and fuel system is protected from stresses that might cause rupture or other damage incident to handling.

(9) Vehicles shall be so stowed as to allow for their inspection during transit.

(10) Securing means shall be adequate to prevent the vehicles from coming adrift during the voyage.

(11) Two hand portable fire extinguishers of the dry chemical type of at least 15 pounds capacity shall be located in accessible locations in each hold or compartment in which automobiles are stowed.

(12) No smoking signs shall be posted at each access opening to the hold or compartment.

(b) Vessels transporting automobiles or other self-propelled vehicles with empty fuel tanks shall comply with applicable requirements in § 146.27-100.

(c) Ferry vessels transporting automobiles or other self-propelled vehicles shall comply with applicable requirements in §§ 146.08-1 to 146.08-55, inclusive.

[CGFR 61-11, 26 F.R. 3925, May 5, 1961]



§ 146.27-35 Use of power-operated industrial trucks in spaces containing hazardous articles.

(a) *Articles of a fibrous nature or bulk sulfur.*

In a space in which packaged or baled hazardous articles of a fibrous nature or bulk sulfur are stowed, only approved power-operated industrial trucks with a recognized testing laboratory designa-

tion of EX EE, GS, LPS and DS (see § 146.09-15) may be used for handling cargo including the handling of such packaged or baled hazardous articles of a fibrous nature or bulk sulfur.

(b) *Articles of a fibrous nature in closed vans or portable containers.* When hazardous articles of a fibrous nature are contained in closed cargo vans or closed portable containers and

§ 146.27-100 Table K—

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Acid carboys, empty. Aluminum powder, uncoated.	<i>Aluminum in the form of finely divided powder. In contact with acids, alkalis or water possesses the property of evolving hydrogen gas which may form explosive mixtures in air. Keep dry. Do not stow with acids (white label), inflammable solids or oxidizing materials (yellow label) nor with caustic soda or potash. In event of breakage of containers the dust of aluminum powder is easily ignitable. Outside containers shall be marked either "Aluminum powder, uncoated" or "Hazardous article."</i>	No label required.	Sec: "Carboys, empty." Stowage: "On deck under cover." "Tween decks." Outside containers: Steel barrels or drums, not over 500 lbs. gr. wt. Wooden barrels or kegs, not over 350 lbs. gr. wt. Wooden boxes not over 125 lbs. gr. wt. Moisture proofed (sift-proof) bags. Not over 55 lbs. gr. wt.

no other dangerous cargo is stowed in the hold or compartment, any standard commercial type power-operated industrial truck in safe operating condition and having minimum safety features (see § 146.09-15) may be used in the spaces.

(c) *Articles other than those of a fibrous nature.* In a space in which

hazardous articles other than of a fibrous nature are stowed, any approved power-operated industrial truck (see § 146.09-15) may be used to handle cargo, including the handling of such hazardous articles other than of a fibrous nature.

[CGFR 61-44, 26 F.R. 11022, Nov. 23, 1961, as amended, CGFR 63-19, 28 F.R. 5384, May 30, 1963]

Classification: Hazardous articles.

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "On deck under cover." "Tween decks readily accessible." Outside containers: Steel barrels or drums, not over 500 lbs. gr. wt. Wooden barrels or kegs, not over 350 lbs. gr. wt. Wooden boxes, not over 125 lbs. gr. wt. Moisture proofed (sift-proof) bags. Not over 55 lbs. gr. wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums, not over 500 lbs. gr. wt. Wooden barrels or kegs, not over 350 lbs. gr. wt. Wooden boxes not over 125 lbs. gr. wt. Moisture proofed (sift-proof) bags. Not over 55 lbs. gr. wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums, not over 500 lbs. gr. wt. Wooden barrels or kegs, not over 350 lbs. gr. wt. Wooden boxes not over 125 lbs. gr. wt. Moisture proofed (sift-proof) bags. Not over 55 lbs. gr. wt.

Table K—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Ammonium sulfate nitrate.....	A double salt of approximately 60 percent ammonium sulfate and 40 percent ammonium nitrate—26 percent nitrogen content. White to light gray granules. Soluble in water. Shall not be accepted for transportation while hot. Shall not be stowed in a hold adjacent to a hold containing Class A explosives or on deck adjacent to a hold or magazine containing Class A explosives. Do not stow in same hold or compartment with explosives, corrosives, flammable liquids, flammable compressed gases, flammable solids or oxidizing materials, or other combustible materials. Outside containers shall be marked "Ammonium sulfate nitrate".	No label required.	Stowage: "On deck protected." "On deck under cover." "Tween decks." "Under deck away from heat." Outside containers: Steel barrels or drums. Wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC, not over 90 lb. gr. wt. Fiber drums, not over 150 lb. gr. wt. Paper bags not over 200 lb. net wt., moisture proof, made tight against sifting and of strength not less than bags made of 8 ounce burlap. Bulk.  (See Note in columns 5, 6, and 7.)
Aniline oil drums, empty.....	Drums formerly having contained aniline oil will, before being accepted for shipment, be thoroughly drained.	Returnable package notice shallacked to head of drum near consignee's name and address.	Stowage: "On deck in open." "On deck under cover." "Tween decks." Do not accept unless returnable package notice is on drum. Notice shall be legible. Bungs with gaskets shall be thoroughly tightened in place. If necessary, new gaskets may be required before accepting. Also require that all aniline oil stains on the outside of drums be washed off with water, or preferably, weak acetic acid. Stowage: "On deck in open." Accepted without restriction provided the substance within the tank is not heated to or above its flash point when offered for transportation. No fire or residue thereof shall be present in the furnace heating the substance while the vehicle is on board the vessel.
Asphalt..... Road asphalt or tar (when heated to or above its flash point).	Applicable only to road binders or top dressings laden in tank vehicles and subjected to heating.	No label required.	Stowage: "On deck in open." Accepted without restriction provided the substance within the tank is not heated to or above its flash point when offered for transportation. No fire or residue thereof shall be present in the furnace heating the substance while the vehicle is on board the vessel.

## Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "On deck protected." "On deck under cover." "Tween decks." "Under deck away from heat." Outside containers: Steel barrels or drums. Wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC, not over 90 lb. gr. wt. Fiber drums, not over 150 lb. gr. wt.	Ferry stowage (AA)..... Outside containers: Steel barrels or drums. Wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC, not over 90 lb. gr. wt. Fiber drums, not over 150 lb. gr. wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums. Wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC, not over 90 lb. gr. wt. Fiber drums, not over 150 lb. gr. wt.
NOTE: It is not required that the above containers be ICC specification containers, although ICC specification containers are acceptable, but the officer in charge of loading the vessel shall satisfy himself that they are sufficient in all respects for the purpose intended. He shall refuse any containers showing damage, leakage or an inability to properly contain the substance.		
Stowage: "On deck in open." "On deck under cover." Do not accept unless returnable package notice is on drum. Notice shall be legible. Bungs with gaskets shall be thoroughly tightened in place. If necessary, new gaskets may be required before accepting. Also require that all aniline oil stains on the outside of drums be washed off with water, or preferably, weak acetic acid.	Ferry stowage (AA)..... Do not accept unless returnable package notice is on drum. Notice shall be legible. Bungs with gaskets shall be thoroughly tightened in place. If necessary, new gaskets may be required before accepting. Also require that all aniline oil stains on the outside of drums be washed off with water, or preferably, weak acetic acid.	Ferry stowage (BB). Do not accept unless returnable package notice is on drum. Notice shall be legible. Bungs with gaskets shall be thoroughly tightened in place. If necessary, new gaskets may be required before accepting. Also require that all aniline oil stains on the outside of drums be washed off with water, or preferably, weak acetic acid.
Not permitted. Accepted without restriction provided the substance within the tank is not heated to or above its flash point when offered for transportation. No fire or residue thereof shall be present in the furnace heating the substance while the vehicle is on board the vessel.	Ferry stowage (AA)..... Accepted without restriction provided the substance within the tank is not heated to or above its flash point when offered for transportation. No fire or residue thereof shall be present in the furnace heating the substance while the vehicle is on board the vessel.	Ferry stowage (BB). Accepted without restriction provided the substance within the tank is not heated to or above its flash point when offered for transportation. No fire or residue thereof shall be present in the furnace heating the substance while the vehicle is on board the vessel.

Table K—

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Automobiles, motorcycles, tractors, or other self-propelled vehicles, new or used, when offered for transportation without boxing or crating and containing gasoline, or other motor fuel within the fuel tank	Motor vehicles when offered for transportation as cargo or "passenger's baggage" on inland or domestic voyages and driven on and off the vessel by a member of the crew or agent of the vessel; or when offered as in ferry service and driven on and/or off the vessel by the owner or operator of the vehicle. Fuel tanks shall be drained before loading vehicles destined for ocean-going voyages, unless the conditions of §146.27-30 are complied with. No marking required.	No label required.	Stowage: "On deck in open." "On deck protected." "On deck under cover." "Tween decks." "Under deck."  (See Note in columns 5, 6, and 7.)
<p>NOTE 1: This does not include motor vehicles having on board dangerous articles as lading. For regulations governing transportation of such vehicles, see §§ 146.08-1 to 146.08-55, inclusive.</p> <p>NOTE 2: Automobiles, motorcycles, tractors, or other self-propelled vehicles, new or used, with or without boxing or crating and containing no gasoline or other motor fuel within the motor or fuel tank may be accepted for transportation on any type vessel without restriction, provided no dangerous articles other than those enumerated below are packed within the crate or vehicle:</p> <p>(a) Two one-pint metal containers of retouching enamel, either hermetically sealed or closed with a secure friction cap.</p> <p>(b) One tire repair kit containing a tube of cement of not more than 4 fluid ounces capacity, completely enclosed in an outer metal or fiber board container.</p> <p>(c) One charged electric storage battery in position within the battery holder, provided the terminals are disconnected and protected against short circuit, or if shipped outside the holder, then secured to prevent any movement of same. If a battery is packed within a boxed or crated vehicle, "This side up" marking shall be required on the outside of the shipping box or crate.</p> <p>(d) Such brake fluid as is actually contained within the brake mechanism.</p> <p>(e) Motor vehicles and mechanized equipment shipped by, for or to the Department of the Army, Navy or Air Force may also contain one gallon of electrolyte (acid) or corrosive battery fluid in an approved inside container, tightly and securely closed, packed in a strong outside container. Inside glass containers shall be cushioned on all sides with incombustible material in sufficient quantity to completely absorb the fluid contents in event of breakage. The outside container must be so blocked, braced or stayed within the vehicle or crate that it cannot change position during transit.</p> <p>(f) Self-propelled vehicles or mobile agricultural machinery may be shipped with a container of electrolyte (acid) or corrosive battery fluid secured in a position to prevent damage and packaged as follows: Wooden boxes (ICC-15A, 15B, 15C, 16A, 19A) or Fiberboard boxes (ICC-12B, 12C) WIC, meeting the requirements of ICC regulations.</p>			
Barrels, empty			
Battery parts (Plates, grids, etc., unwashed, exhausted).	Consists of scrap parts of batteries and battery plates. Outside containers shall be marked either "Battery parts" or "Hazardous article."	No label required.	See "Drums, empty." Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Metal or wooden barrels, packed with sufficient sawdust or similar material to absorb any liquid present in the scrap.
Bleaching powder, dry, containing less than 39 percent available chlorine.	Decomposed by moisture or may decompose spontaneously causing evolution of heat and gases and rupture of the container. Gives off corrosive, pungent vapors (chlorine), keep dry. May destroy textiles.	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck away from heat."
Chlorinated lime (chloride of lime).	Do not stow in the same compartment with corrosive liquids (white label), nor with turpentine. Stow well away from foodstuffs, living quarters, and all sources of artificial heat. Increased temperature may cause pressure within the containers.		Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC.
(For calcium hypochlorite compounds, dry, and lithium hypochlorite compounds, dry, containing more than 39 percent available chlorine, see "Calcium hypochlorite compounds, dry" in §146.22-100.)	Outside containers shall be marked either "Bleaching powder," "Chlorinated lime" or "Hazardous article."		Fiber drums WIL, polyethylene, not over 275 lbs. net wt.

Classification: Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "On deck in open" or "On deck protected", or if the vessel is provided with a compartment fitted with an overhead sprinkler system, inert gas or steam smothering system in any of the following locations such compartments may be utilized. "On deck under cover." "Tween decks." "Under deck."	Ferry stowage: In the vehicle gangways.	Ferry stowage: "On deck in open" or "On deck protected", or in the covered vehicle gangways on board car ferries having an overhead sprinkler system in such places.
<p>NOTE: The person driving a motor vehicle on board a vessel shall observe the following rules:</p> <p>(1) Drive the vehicle to the location indicated by the vessel's representative.</p> <p>(2) Securely set the brakes of the vehicle to prevent movement.</p> <p>(3) Shut off the motor and do not restart same until the vessel has completed its voyage and docked.</p> <p>(4) Shut off all vehicle lights and do not relight same until the vessel has completed its voyage.</p> <p>(5) Make no repairs or adjustments to the vehicle while on board the vessel.</p> <p>(6) Observe any instructions given by the vessel's representative during drive-on or drive-off operations.</p> <p>Smoking by any person within the vehicle, while on board the vessel, is prohibited.</p>		
Not permitted	Ferry stowage (AA). Outside containers: Metal or wooden barrels, packed with sufficient sawdust or similar material to absorb any liquid present in the scrap.	Ferry stowage (BB). Outside containers: Metal or wooden barrels, packed with sufficient sawdust or similar material to absorb any liquid present in the scrap.
Stowage: "On decks under cover." "Tween decks." "Under deck away from heat."	Ferry stowage (AA). Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC. Fiber drums WIL, polyethylene, not over 275 lbs. net wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC. Fiberboard boxes, WIC. Fiber drums WIL, polyethylene, not over 275 lbs. net wt.

Table K—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Bottles, acid or other corrosive liquid. Empty. Bottles of any capacity previously used for acids or other corrosive liquids (white label). The originating bill of lading or other shipping paper shall bear the shipper's certifying statement that the bottles have been thoroughly (completely) drained. Box toe board (nitrocellulose base). NOTE: Box toe board that does not meet the definition of a hazardous article as defined in § 146.27-1 may be shipped without restriction.	The hazard connected with the shipment of empty bottles that previously contained any corrosive liquid lies in the possible presence of residue contents in the bottle. No marking required.  Box toe board usually consists of felt or fabric impregnated with a nitrocellulose composition forming a highly inflammable solid. Outside sources of heat may cause decomposition to occur at relatively low temperatures. If inhaled these products of decomposition are irritating and poisonous even in small concentrations. Provide cool stowage in a compartment having a temperature of not exceeding 130° F. and well away from any sources of heat and in position to protect or move, even to jettisoning, in event of fire. Do not stow in same compartment with explosives, inflammable liquids (red label), inflammable solids or oxidizing materials (yellow label) or corrosive liquids (white label). Outside containers shall be marked either "Box toe board" or "Hazardous article."	No label required.	Stowage: No restrictions. Outside containers: Wooden barrels or kegs. Fiberboard boxes.
Burlap cloth (Hessian). Burlap bags, new. Burlap bags, used and washed. Burlap bags, vacuum cleaned, wheel cleaned, or otherwise mechanically brushed. The originating bill of lading or other shipping paper covering used bags shall bear the shipper's certifying statement that the bags have been thoroughly washed or cleaned and all traces of the previous lading removed therefrom. Bags showing stains from oil, grease or organic oxidizing materials shall not be shipped. Washed bags shall not be baled or shipped unless thoroughly dry.	Coarse cloth, bagging or bags woven from the fibers of jute, hemp, flax, manilla, sisal or similar organic fibers. Great care must be exercised to prevent sparks or flame coming in contact with this material. Stow well away from vegetable and animal oils. Keep reasonably dry. No marking required.	No label required.	Stowage: "On deck under cover." "On deck protected." "On deck under cover." "Tween decks." "Under deck." Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes. Unbaled consignments shall not be accepted for transportation unless packed in outside containers such as: Wooden barrels or boxes, bundles. Burlap bags in bundles shall be bound reasonably tight with rope, wire or other securing means.
Burlap bags, used and unwashed or uncleared. NOTE: See also "Bags, nitrate of soda, empty and unwashed" in the inflammable solids table.	Burlap bags which formerly contained any organic or mineral matter and which are offered for transportation without washing or otherwise cleaning all traces of the former lading. Stow away from all sources of artificial heat. Observe at regular intervals for signs of spontaneous heating. No marking required.	No label required.	Stowage: "On deck under cover." Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes.

Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: No restrictions. Outside containers: Wooden barrels or kegs. Fiberboard boxes.	Ferry stowage (AA). Outside containers: Wooden barrels or kegs. Fiberboard boxes.	Ferry stowage (BB). Outside containers: Wooden barrels or kegs. Fiberboard boxes.
Stowage: "On deck under cover." "Cargo hatch trunkway." "Tween decks readily accessible." Outside containers: Wooden boxes, not over 350 lbs. gr. wt. Fiber tubes, not over 25 lbs. gr. wt. Fiber drums, not over 200 lbs. gr. wt. Fiberboard boxes, not over 90 lbs. gr. wt. Drumpak fiberboard boxes, not over 250 lbs. gr. wt.	Ferry stowage (AA). Outside containers: Wooden boxes, not over 350 lbs. gr. wt. Fiber tubes, not over 25 lbs. gr. wt. Fiber drums, not over 200 lbs. gr. wt. Fiberboard boxes, not over 90 lbs. gr. wt. Drumpak fiberboard boxes, not over 250 lbs. gr. wt.	Ferry stowage (BB). Outside containers: Wooden boxes, not over 350 lbs. gr. wt. Fiber tubes, not over 25 lbs. gr. wt. Fiber drums, not over 200 lbs. gr. wt. Fiberboard boxes, not over 90 lbs. gr. wt. Drumpak fiberboard boxes, not over 250 lbs. gr. wt.
Stowage: "On deck under cover." "Tween decks." "Cargo hatch trunkway." "Under deck." Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes. Unbaled consignments shall not be accepted for transportation unless packed in outside containers such as: Wooden barrels or boxes, bundles. Burlap bags in bundles shall be bound reasonably tight with rope, wire or other securing means.	Ferry stowage (AA). Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes. Unbaled consignments shall not be accepted for transportation unless packed in outside containers such as: Wooden barrels or boxes, bundles. Burlap bags in bundles shall be bound reasonably tight with rope, wire or other securing means.	Ferry stowage (BB). Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes. Unbaled consignments shall not be accepted for transportation unless packed in outside containers such as: Wooden barrels or boxes, bundles. Burlap bags in bundles shall be bound reasonably tight with rope, wire or other securing means.
Not permitted.	Ferry stowage (AA). Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes.	Ferry stowage (BB). Outside containers: Bales. Bales shall be compressed reasonably tight and bound with wire, metal hoops, rope, rattan or withes.

Table K—Classification.

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Calcium carbide.....	<i>A grayish-black irregular lump substance. Will absorb moisture from air and in the presence of moisture or water will generate acetylene gas, which forms dangerous mixtures in air.</i> Keep dry. Examine containers carefully and refuse defective ones. Do not stow with explosives, inflammable liquids (red label), inflammable compressed gases (red label), oxidizing materials (yellow label) or corrosive liquids (white label). Outside containers shall be marked either "Calcium carbide" or "Hazardous article."	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Strong fiberboard boxes, WIMC, not over 90 lb. gr. wt. Steel barrels or drums, hermetically sealed, not over 425 lbs. gr. wt., with or without slatted crates. Wooden barrels, WIMC, not over 250 lbs. gr. wt. Wooden boxes, WIMC, not over 100 lbs. gr. wt.
Calcium cyanamide, not hydrated. (Lime-Nitrogen.)	<i>A grayish-black powder made by the treatment of calcium carbide by nitrogen in an electric furnace. In contact with moisture will give off acetylene and ammonia.</i> Keep dry. Do not stow with explosives, inflammable liquids (red label), inflammable compressed gases (red label), or corrosive liquids (white label). Do not over-stow. Outside containers shall be marked either "Calcium cyanamide, not hydrated" or "Hazardous article."	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Tight steel barrels or drums. Tight wooden barrels or kegs.
Calcium hypochlorite.....			See "Bleaching powder."
Camphene..... NOTE: See also "Naphthalene".	<i>Colorless crystals having a strong camphor-like odor. Gives off heavy dense smoke when burned and will add materially to a fire.</i> Insoluble in water. Melting point about 125° F. Will evolve inflammable vapors at or below its melting point. Stow away from foodstuffs, living quarters and explosives. Outside containers shall be marked either "Camphene" or "Hazardous article."	No label required.	Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." "Under deck" (in a cool, dry, well ventilated hold). Outside containers: Wooden barrels or kegs. Wooden boxes.
Carbon dioxide, solid (dry ice, carbonice). NOTE: When carbon dioxide, solid is used as a refrigerant for other dangerous articles, the packing and stowage must comply with requirements for carbon dioxide, solid, and also with the requirements for the refrigerated material. Carbon dioxide, solid when used as a refrigerant for nonregulated commodities must comply with all the regulations for carbon dioxide, solid.	<i>A white, snow-like solid, usually compressed in cakes, having a very low temperature and generally used as a refrigerant. Will freeze tissue on even short contact. At temperatures above -109° F. (-78.5° C.) it passes from the solid to the gaseous state directly, evolving large quantities of a colorless, odorless, tasteless, noninflammable gas about 1½ times as heavy as air, which will cause suffocation if breathed in excessive quantities. Avoid breathing of concentrated vapors.</i> Do not handle with bare hands. Do not stow below decks. Stow in a well-ventilated place where gas cannot accumulate, and away from open ventilation and direct openings. Do not stow with sodium cyanide, potassium cyanide, or other materials which may develop hydrocyanic acid or similar poisonous gases. Outside containers must be marked "Carbon dioxide, solid—Do not stow below decks." Railroad cars and motor vehicles containing carbon dioxide, solid, when accepted for transportation on board vessels shall display suitable warnings on the outside of the vehicle, such as "Warning—CO <sub>2</sub> Solid (Dry Ice)."	No label required.	Stowage: "On deck in open." "On deck protected." Outside containers: Strong outside containers capable of withstanding all shocks ordinarily incident to handling and stowage in transit. Containers must be provided with suitable means for the escape of the generated gas. Motor vehicles. Railroad cars. (See Note in columns 5, 6, and 7.)

Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Strong fiberboard boxes, WIMC, not over 90 lb. gr. wt. Steel barrels or drums, hermetically sealed, not over 425 lbs. gr. wt., with or without slatted crates. Wooden barrels, WIMC, not over 250 lbs. gr. wt. Wooden boxes, WIMC, not over 100 lbs. gr. wt.	Ferry stowage (AA)..... Outside containers: Strong fiberboard boxes, WIMC, not over 90 lb. gr. wt. Steel barrels or drums, hermetically sealed, not over 425 lbs. gr. wt., with or without slatted crates. Wooden barrels, WIMC, not over 250 lbs. gr. wt. Wooden boxes, WIMC, not over 100 lbs. gr. wt.	Ferry stowage (BB). Outside containers: Strong fiberboard boxes, WIMC, not over 90 lb. gr. wt. Steel barrels or drums, hermetically sealed, not over 425 lbs. gr. wt. Wooden barrels, WIMC, not over 250 lbs. gr. wt. Wooden boxes, WIMC, not over 100 lbs. gr. wt. Sealed watertight railroad hopper cars. Sealed watertight metal containers, not over 10 ton net wt., mounted on railroad cars.
Not permitted.....	Not permitted.....	Not permitted.
Stowage: "On deck protected." "On deck under cover." "Tween decks readily accessible." Outside containers: Wooden barrels or kegs Wooden boxes.	Ferry stowage (AA)..... Outside containers: Wooden barrels or kegs. Wooden boxes.	Ferry stowage (BB). Outside containers: Wooden barrels or kegs. Wooden boxes.
Stowage: "On deck in open." "On deck protected." Outside containers: Strong outside containers capable of withstanding all shocks ordinarily incident to handling and stowage in transit. Containers must be provided with suitable means for the escape of the generated gas.	Ferry stowage (AA)..... Outside containers: Strong outside containers capable of withstanding all shocks ordinarily incident to handling and stowage in transit. Containers must be provided with suitable means for the escape of the generated gas.	Ferry stowage (BB). Outside containers: Strong outside containers capable of withstanding all shocks ordinarily incident to handling and stowage in transit. Containers must be provided with suitable means for the escape of the generated gas. Motor vehicles. Railroad cars.
NOTE: The officer in charge of loading the vessel shall satisfy himself that the outside containers are sufficient in all respects for the purpose intended. He shall refuse any containers showing damage, or inability to properly contain the substance.		

Table K—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Carbon tetrachloride.....	<p><i>Colorless liquid.</i>  <i>Chloroform-like odor.</i>  <i>Vapors 5.3 times heavier than air.</i>  <i>Toxic.</i>  <i>Do not breathe fumes.</i>  <i>Boiling point 170° F.</i>                      Keep away from heat and open flame.                      Stow away from living quarters and foodstuffs. Must be stowed in spaces capable of being ventilated.                      Do not stow with explosives, inflammable solids, oxidizing materials, corrosive liquids or cotton.                      Containers must be marked "Carbon tetrachloride."</p>	No label required.	<p><b>Stowage:</b>                      "On deck protected."                      "On deck under cover."                      "Tween decks."                      "Under deck away from heat."                      "Under deck away from heat."  <b>Outside containers:</b>                      Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for cargo vessels.  <i>Also:</i>                      Metal barrels or drums (CFC R 40) not over 55 gal. cap.                      Wooden boxes, nonspecification WIC not over 200 lb. gr. wt.                      Fiberboard boxes (CFC R 41) WIC not over 90 lb. gr. wt.                      Bulk as specifically approved by Commandant.  <b>NOTE:</b> Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.</p>

Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R.R. car ferry, passenger or vehicle
<p><b>Stowage:</b>                      "On deck protected."                      "On deck under cover."                      "Tween decks."                      "Under deck away from heat."  <b>Outside containers:</b>                      Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for passenger vessels.  <i>Also:</i>                      Metal barrels or drums (CFC R 40) not over 55 gal. cap.                      Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt.                      Fiberboard boxes, (CFC R 41) WIC not over 90 lb. gr. wt.                      Tank motor vehicles complying with ICC motor carrier regulations.  <b>NOTE:</b> Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.</p>	<p><b>Ferry stowage (AA).</b>  <b>Outside containers:</b>                      Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for vessels.  <i>Also:</i>                      Metal barrels or drums (CFC R 40) not over 55 gal. cap.                      Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt.                      Fiberboard boxes, (CFC R 41) WIC not over 90 lb. gr. wt.                      Tank motor vehicles complying with ICC motor carrier regulations.  <b>NOTE:</b> Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.</p>	<p><b>Ferry stowage (BB).</b>  <b>Outside containers:</b>                      Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for car ferries.  <i>Also:</i>                      Metal barrels or drums (CFC R 40) not over 55 gal. cap.                      Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt.                      Fiberboard boxes, (CFC R 41) WIC, not over 90 lb. gr. wt.                      Tank cars complying with ICC rail carrier regulations.                      Tank motor vehicles complying with ICC motor carrier regulations.  <b>NOTE:</b> Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.</p>

Table K—Classifications:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Carboys, empty. Carboys previously used for an inflammable or corrosive liquid. The originating bill of lading or other shipping paper shall bear the shipper's certifying statement that the carboys have been thoroughly (completely) drained.	<i>The hazard connected with the shipment of empty carboys that previously contained an inflammable or corrosive liquid lies in the possible presence of residue contents in the carboy.</i> No marking required.	No label required.	Stowage: No restrictions. Outside containers: Wooden boxes. Wooden barrels or kegs.
Castor beans. Castor pomace. The originating bill of lading or other shipping paper shall bear the shipper's certifying statement that the pomace has been treated sufficiently to detoxify the ricin content.	<i>Beans poisonous if ingested.</i> Sweep up loose beans, avoid crushing. Sweep up spilled pomace using oil or sweeping compound to keep dust down. <i>Dust from beans and pomace will cause allergic reaction in sensitive individuals who should not be exposed to beans or pomace.</i> Respiratory protection should be worn in heavy concentrations of dust. Shower and change clothes after exposure to dust. Reject containers showing signs of leakage. Stow away from foodstuffs and living quarters. Outside containers shall be marked "Castor Beans" or "Castor Pomace," as appropriate.	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Sift-proof five-ply paper bags not over 100 lb. net wt. Sift-proof paper or plastic-lined burlap bags not over 100 lb. net wt. Sift-proof paper or plastic-lined cotton bags not over 100 lb. net wt. Authorized for castor beans only: Tight vans or containers loaded with castor beans in bulk provided the loading shows no sign of sifting of beans.
Caustic potash, solid. Caustic soda, solid. Potassium hydroxide. Sodium hydroxide. <i>Lye.</i>	<i>A solid in the form of white flakes, powder or lumps.</i> Keep dry. <i>In contact with moisture gives off corrosive pungent vapors and evolves heat.</i> <i>Caustic to the skin.</i> <i>May destroy organic materials.</i> Do not stow with explosives, corrosive liquids (white label) or with metals or alloys such as brass, copper, tin, zinc, aluminum, solder or lead. Outside containers should be marked either "Caustic potash, solid" or "Caustic soda, solid" or "Potassium hydroxide" or "Sodium hydroxide" or "Hazardous article".	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums, not over 750 lbs. net wt. Wooden barrels or kegs, not over 300 lbs. net wt. Wooden boxes, WIC, not over 200 lbs. net wt. Fiberboard boxes, WIC, not over 90 lbs. gr. wt. Fiber drums with inside liners, not over 400 lbs. net wt. Burlap asphalt-laminated paper bag, WIC polyethylene not over 102 lb. gr. wt. See: "Bleaching powder."
Chloride of lime			

Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: No restrictions. Outside containers: Wooden boxes. Wooden barrels or kegs.	Ferry stowage (AA). Outside containers: Wooden boxes. Wooden barrels or kegs.	Ferry stowage (BB). Outside containers: Wooden boxes. Wooden barrels or kegs.
Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Sift-proof five-ply paper bags not over 100 lb. net wt. Sift-proof paper or plastic-lined burlap bags not over 100 lb. net wt. Sift-proof paper or plastic-lined cotton bags not over 100 lb. net wt. Authorized for castor beans only: Tight vans or containers loaded with castor beans in bulk provided the loading shows no sign of sifting of beans.	Ferry stowage (AA). Outside containers: Sift-proof five-ply paper bags not over 100 lb. net wt. Sift-proof paper or plastic-lined burlap bags not over 100 lb. net wt. Sift-proof paper or plastic-lined cotton bags not over 100 lb. net wt. Authorized for castor beans only: Tight vans or containers loaded with castor beans in bulk provided the loading shows no sign of sifting of beans.	Ferry stowage (BD). Outside containers: Sift-proof five-ply paper bags not over 100 lb. net wt. Sift-proof paper or plastic-lined burlap bags not over 100 lb. net wt. Sift-proof paper or plastic-lined cotton bags not over 100 lb. net wt. Authorized for castor beans only: Tight vans or containers loaded with castor beans in bulk provided the loading shows no sign of sifting of beans.
Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums, not over 750 lbs. net wt. Wooden barrels or kegs, not over 300 lbs. net wt. Wooden boxes, WIC, not over 200 lbs. net wt. Fiberboard boxes, WIC, not over 90 lbs. gr. wt. Burlap asphalt-laminated paper bag, WIC polyethylene not over 102 lb. gr. wt.	Ferry stowage (AA). Outside containers: Steel barrels or drums, not over 750 lbs. net wt. Wooden barrels or kegs, not over 300 lbs. net wt. Wooden boxes, WIC, not over 200 lbs. net wt. Fiberboard boxes, WIC, not over 90 lbs. gr. wt. Burlap asphalt-laminated paper bag, WIC polyethylene not over 102 lb. gr. wt.	Ferry stowage (BB). Outside containers: Steel barrels or drums, not over 750 lbs. net wt. Wooden barrels or kegs, not over 300 lbs. net wt. Wooden boxes, WIC, not over 200 lbs. net wt. Fiberboard boxes, WIC, not over 90 lbs. gr. wt. Burlap asphalt-laminated paper bag, WIC polyethylene not over 102 lb. gr. wt.

Table K—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Chloroform.....	<i>Colorless liquid with characteristic odor. Vapors 4.5 times heavier than air. Toxic. Do not breathe fumes. Boiling point 148° F. Keep away from heat and open flame. Stow away from living quarters and foodstuffs. Must be stowed in spaces capable of being ventilated. Do not stow with explosives, inflammable solids, oxidizing materials, corrosive liquids or cotton. Containers must be marked "Chloroform."</i>	No label required.	Stowage: "On deck protected." "On deck under cover." "Tween decks." "Under deck away from heat." Outside containers: Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for cargo vessels. Also: Metal barrels or drums (CFC R 40) not over 55 gal. cap. Wooden boxes, nonspecification WIC not over 200 lb. gr. wt. Fiberboard boxes (CFC R 41) WIC not over 90 lb. gr. wt. Bulk as specifically approved by Commandant. NOTE: Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein. Not permitted.....
Coal briquets, hot. Coke, hot. Containers, empty.....			See "Bottles, empty," "Carboys, empty," "Cylinders, empty," "Drums, empty."
Copra.....	<i>The dried kernel of the coconut. The hazard in this cargo consists of its susceptibility to fire from sparks or open flame. Possesses a penetrating, rank odor. A heavy concentration of copra fumes in a confined area is dangerous to life. Reject copra when wet or when packed in wet or damp bags. No marking required.</i>	No label required.	Stowage: "On deck under cover." "Under deck." "Tween decks." Outside containers: Burlap bags. Bulk. Bulk in railroad freight cars.
Cotton.....	<i>The fiber of the cotton plant. Readily combustible. No marking required.</i>	No label required.	Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Bales. For requirements and conditions for loading, stowing and transporting baled cotton, see § 146.27-25.
NOTE: Unginned sea-island cotton contained in jute bags and compressed, may be transported under the same regulations as for "Cotton." For "Burnt cotton" see the Inflammable solids table.			

Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R.R. car ferry, passenger or vehicle
Stowage: "On deck protected." "On deck under cover." "Tween decks." "Under deck away from heat." Outside containers: Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for passenger vessels. Also: Metal barrels or drums (CFC R 40) not over 55 gal. cap. Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles complying with ICC motor carrier regulations. NOTE: Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.	Ferry stowage (AA). Outside containers: Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for ferry vessels. Also: Metal barrels or drums (CFC R 40) not over 55 gal. cap. Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank motor vehicles complying with ICC motor carrier regulations. NOTE: Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.	Ferry stowage (BB). Outside containers: Any ICC specification container for liquids as shown in the Class B, less dangerous poisons table (§ 146.25-200) for car ferries. Also: Metal barrels or drums (CFC R 40) not over 55 gal. cap. Wooden boxes, nonspecification WIC, not over 200 lb. gr. wt. Fiberboard boxes (CFC R 41) WIC, not over 90 lb. gr. wt. Tank cars complying with ICC rail carrier regulations. Tank motor vehicles complying with ICC motor carrier regulations. NOTE: Containers shall be of a design and constructed of materials that will not react dangerously with nor be decomposed by the chemical packed therein.
Not permitted.....	Not permitted.....	Not permitted.
Stowage: "On deck under cover." "Under deck." "Tween decks." Outside containers: Burlap bags. Bulk.	Ferry stowage (AA). Outside containers: Burlap bags. Bulk in highway vehicles.	Ferry stowage (BB). Outside containers: Burlap bags. Bulk in railroad freight cars.
Stowage: "On deck in open." "On deck under cover." "Tween decks." "Under deck." Outside containers: Bales. For requirements and conditions for loading, stowing and transporting baled cotton, see § 146.27-25.	Ferry stowage (AA). Outside containers: Bales. For requirements and conditions for loading, stowing and transporting baled cotton, see § 146.27-25.	Ferry stowage (BB). Outside containers: Bales. For requirements and conditions for loading, stowing and transporting baled cotton, see § 146.27-25.



Table K—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Cotton batting. Cotton batting dross. Cotton wadding. Cotton seed hull fiber or shavings, pulp or in cut linters.	<i>A product of cotton used principally for upholstery. Very susceptible to fire from sparks and also subject to spontaneous heating and possible ignition when wet or in contact with animal or vegetable oil or grease.</i> Cotton batting, cotton batting dross and cotton wadding when packed in wooden, fiberboard or metal containers are not subject to the regulations in this part. Cut cotton linters may be accepted when baled and covered with bagging on the soft sides only, if the bale is compressed to a density of not less than thirty-two pounds per cubic foot and is bound with six or more bands per bale.	No label required.	Stowage: "Tween decks." "Under deck." Outside containers: Bales—which shall be covered with bagging on at least three-fourths of their surface including both ends of the bale. Wooden barrels or boxes. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled, bagged or in tight containers. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing, and transporting as detailed in § 146.27-25 for baled cotton.
Cotton waste. Cotton sweepings. Felt waste. Textile waste. Wool waste. The originating bill of lading or other shipping paper shall bear the shipper's certifying statement that the waste or sweepings are dry, clean and do not contain more than 5% of animal or vegetable oils.	<i>Generally refers to the short fiber material of cotton, wool or other textiles.</i> No marking required.	No label required.	Stowage: "On deck under cover." "Tween decks readily accessible." "Under deck away from heat." Outside containers: Bales—which shall be covered with bagging on at least ¾ of their surface including both ends of the bale. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled or bagged. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing and transporting as detailed in § 146.27-25 for baled cotton.
Cylinders, empty (including ton tanks). Cylinders previously used for a compressed gas, inflammable or corrosive liquid or poison. The originating bill of lading or other shipping paper shall bear the shipper's certifying statement that the cylinders have most recently contained (NAME OF CONTENTS) and that the contents of the cylinders have been emptied within the meaning implied by trade practices.	<i>It is likely that all "empty" cylinders will contain a residue of the former lading. With valves tightly closed and protected this condition presents no considerable hazard due to lack of pressure.</i> No marking required.	No label required.	May be accepted without restriction on any character of vessel, provided: (1) The cylinders shall have their valves seated tightly and when fitted with valve protection caps such caps shall be in place. (2) Empty cylinders having unprotected valves shall not be accepted for transportation unless boxed. Dished head cylinders having valves below the chime are considered protected valves.

Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
Stowage: "Tween decks." "Under deck." Outside containers: Bales—which shall be covered with bagging on at least three-fourths of their surface including both ends of the bale. Wooden barrels or boxes. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled, bagged or in tight containers. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing, and transporting as detailed in § 146.27-25 for baled cotton.	Ferry stowage (AA). Outside containers: Bales—which shall be covered with bagging on at least three-fourths of their surface including both ends of the bale. Wooden barrels or boxes. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled, bagged or in tight containers. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing, and transporting as detailed in § 146.27-25 for baled cotton.	Ferry stowage (BB). Outside containers: Bales—which shall be covered with bagging on at least three-fourths of their surface including both ends of the bale. Wooden barrels or boxes. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled, bagged or in tight containers. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing, and transporting as detailed in § 146.27-25 for baled cotton.
Stowage: "On deck under cover." "Tween decks readily accessible." "Cargo hatch trunkway." Outside containers: Bales—which shall be covered with bagging on at least ¾ of their surface including both ends of the bale. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled or bagged. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing and transporting as detailed in § 146.27-25 for baled cotton.	Ferry stowage (AA). Outside containers: Bales—which shall be covered with bagging on at least ¾ of their surface including both ends of the bale. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled or bagged. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing and transporting as detailed in § 146.27-25 for baled cotton.	Ferry stowage (BB). Outside containers: Bales—which shall be covered with bagging on at least ¾ of their surface including both ends of the bale. Burlap bags compressed reasonably tight. NOTE: Shall not be accepted for transportation unless securely baled or bagged. Reject wet or oil-stained bales or bags. Bales and bags shall be afforded the requirements and conditions for loading, stowing and transporting as detailed in § 146.27-25 for baled cotton.
May be accepted without restriction on any character of vessel, provided: (1) The cylinders shall have their valves seated tightly and when fitted with valve protection caps such caps shall be in place. (2) Empty cylinders having unprotected valves shall not be accepted for transportation unless boxed. Dished head cylinders having valves below the chime are considered protected valves.	May be accepted without restriction on any character of vessel, provided: (1) The cylinders shall have their valves seated tightly and when fitted with valve protection caps such caps shall be in place. (2) Empty cylinders having unprotected valves shall not be accepted for transportation unless boxed. Dished head cylinders having valves below the chime are considered protected valves.	May be accepted without restriction on any character of vessel, provided: (1) The cylinders shall have their valves seated tightly and when fitted with valve protection caps such caps shall be in place. (2) Empty cylinders having unprotected valves shall not be accepted for transportation unless boxed. Dished head cylinders having valves below the chime are considered protected valves.

Table K—Classification:

Descriptive name of article	Characteristic properties, cautions, markings required	Label required	Required conditions for transportation
			Cargo vessel
Drums, empty. Drums or barrels previously used for any dangerous article as defined in this part. NOTE: Also see "Aniline oil drums, empty."	<i>The hazard connected with the shipment of empty drums or barrels that previously contained any dangerous article lies in the possible presence of residue contents in the drum or barrel.</i> No marking required.	No label required.	May be accepted without restriction on any character of vessel, provided: (1) The drums or barrels are completely drained. (2) Bungs shall be securely in place. (3) Open head type barrels or drums shall have the head securely in place.
Excelsior (shredded wood) when dry, clean and free from oil.	<i>Packing and cushioning material made from wood or cellulose.</i> Protect from sparks or open flame. Reject wet or insecurely packed consignments. Do not stow in proximity to vegetable or animal oils, paints, corrosive liquids (white label) or oxidizing materials (yellow label). No marking required.	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Bales—compressed reasonably tight and bound with wire or metal hoops.
Exothermic ferrochrome. Exothermic ferromanganese. Exothermic silicon-chrome.	<i>Gray or brown colored, hard, brittle solid. Mechanical, coherent mixture of the two metals with small amounts of oxidizers and bonding agents.</i> <i>Produces no hazardous conditions in contact with water.</i> <i>When heated to temperatures of 688° F. (350° C.) will burn briskly at a bright red heat and is difficult to extinguish with water or steam smothering system.</i> Outside containers shall be marked "Exothermic ferrochrome", "Exothermic ferromanganese", or "Exothermic silicon-chrome", as the case may be.	No label required.	Stowage: "On deck protected." Outside containers: Steel barrels or drums or cans, not over 750 lb. net wt., with or without slatted crates.
Feed, wet, mixed.	<i>Prepared animal feeds which usually consist of mixtures of molasses with ground alfalfa hay. Some may contain grains such as cracked corn and oats, others contain finely divided products such as cottonseed meal, linseed meal, middlings, bran, etc.</i> <i>Moisture if permitted to contact this material may cause spontaneous heating and possible ignition.</i> Stow in cool, dry and well ventilated compartment. Do not stow bags over ten tiers high without flooring off. Do not overstow. Outside containers shall be marked either "Feed, wet, mixed" or "Hazardous article."	No label required.	Stowage: "Tween decks readily accessible." "Under deck away from heat." Outside containers: Burlap (jute) bags. Railroad freight cars.
Ferrophosphorus.	<i>Alloys of iron and phosphorus.</i> <i>May evolve poisonous gas in contact with moisture.</i> Stow well away from living quarters. Keep dry. Outside containers shall be marked either "Ferrophosphorus" or "Hazardous article".	No label required.	Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC. Bulk.

## Hazardous articles—Continued

Required conditions for transportation—Continued		
Passenger vessel	Ferry vessel, passenger or vehicle	R. R. car ferry, passenger or vehicle
May be accepted without restriction on any character of vessel, provided: (1) The drums or barrels are completely drained. (2) Bungs shall be securely in place. (3) Open head type barrels or drums shall have the head securely in place.  Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Bales—compressed reasonably tight and bound with wire or metal hoops.  Stowage: "On deck protected." Outside containers: Steel barrels or drums or cans, not over 750 lb. net wt., with or without slatted crates.  Stowage: "Tween decks readily accessible." Outside containers: Burlap (jute) bags.	May be accepted without restriction on any character of vessel, provided: (1) The drums or barrels are completely drained. (2) Bungs shall be securely in place. (3) Open head type barrels or drums shall have the head securely in place.  Ferry stowage (AA)----- Outside containers: Bales—compressed reasonably tight and bound with wire or metal hoops.  Ferry stowage (AA)----- Outside containers: Steel barrels or drums or cans, not over 750 lb. net wt., with or without slatted crates.  Ferry stowage (AA)----- Outside containers: Burlap (jute) bags	May be accepted without restriction on any character of vessel, provided: (1) The drums or barrels are completely drained. (2) Bungs shall be securely in place. (3) Open head type barrels or drums shall have the head securely in place.  Ferry stowage (BB). Outside containers: Bales—compressed reasonably tight and bound with wire or metal hoops.  Ferry stowage (BB). Outside containers: Steel barrels or drums or cans, not over 750 lb. net wt., with or without slatted crates.  Ferry stowage (BB). Outside containers: Burlap (jute) bags. Railroad freight cars.
Stowage: "On deck under cover." "Tween decks." "Under deck." Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC.	Ferry stowage (AA)----- Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC.	Ferry stowage (BB). Outside containers: Steel barrels or drums. Tight wooden barrels or kegs. Wooden boxes, WIC. Bulk.