

PROPOSED RULES

Identification No.	Applicant or holder	Regulation affected	Nature of exemption or application	Nature of proposed amendment
E-448-X	White Chemical Corp.; American Hoechst Corp.; Fife Color & Chemical Corp.; Shell Oil Co.; Albright & Wilson.	173.247(a)(2)	Authorizes shipment of various corrosive liquids in a DOT Specification 6D cylindrical steel overpack with an inside polyethylene liner fabricated from type III polyethylene (modes 1, 2, 3)	To add subparagraph (a)(2) to read: "(2) Specification 6D (sec. 178.102 of this chapter). Cylindrical steel overpack with inside specification 2S or 2SL (secs. 178.35, 178.35a of this chapter) polyethylene packaging. Polyethylene used must be type III as set forth in 'Appendix B—Specifications for Plastics to Part 178 of this Title.' Authorized for acetyl chloride, dichloroacetyl chloride, sulfuric chloride only."
		173.271(a)(3)		To add subparagraph (a)(3) to read: "(3) Specification 6D (sec. 178.102 of this chapter). Cylindrical steel overpack with inside specification 2S or 2SL (secs. 178.35, 178.35a of this chapter) polyethylene packaging. Polyethylene used must be type III as set forth in 'Appendix B—Specifications for Plastics to Part 178 of this Title.' Authorized for phosphorus oxychloride and thiophosphoryl chloride only."
E-4483-No. E-1283-No.	New England Industrial Chemical Corp.; Advanced Instruments, Inc.	173.124(a)(3)	Authorizes shipment of ethylene oxide in inside aluminum cartridges each containing no more than 135 g of ethylene oxide (modes 1, 2, 3, 4).	To amend subparagraph (3) to read: "(3) In addition to specification containers prescribed in this section, ethylene oxide may be shipped when packed in strong incombustible outside containers, with inside containers which must be securely sealed glass ampules or vials, contents not over 100 g each, or inside aluminum cartridges, contents not over 135 g each, cushioned in vermiculite or equally efficient incombustible cushioning material. Not more than 100 g of ethylene oxide shall be packed in any such outside container except a maximum of 12 aluminum cartridges may be packed in DOT specification 12B (sec. 178.205 of this chapter) fiberboard boxes having top and bottom pads and an inside perimeter liner. A maximum of 10 boxes may be overpacked in a master carton under the provisions of sec. 173.25(a)."
SP 5003-No. SP 5574-X. SP 5690-No.	Monsanto Co.; Austin Powder Co.; Dow Chemical Co.	173.192(c)	Authorizes shipment of nitro carbonyl in DOT specification 44P plastic bag made of film not less than 0.006 in thick (modes 1, 2).	To add subparagraph (3) to read: "(3) specification 44P (sec. 178.241 of this chapter). All plastic bag made of film not less than 0.006 in thick. Authorized net weight not over 51 lb. Each bag must be capable of withstanding the test requirements of sec. 178.241-4."
Sp 5760-X	Great Lakes Chemical Corp.	173.252(g)(1)	Authorizes shipment of bromine in DOT specification 5M monel drums of up to 25 gal capacity and containing not more than 600 lb net weight (mode 1).	To amend the 1st sentence of subparagraph (1) to read: "Specification 5K or 5M (secs. 178.38 or 178.90 of this chapter). Specification 5K nickel or monel drums of not over 10 gal capacity each and containing not more than 225 lb net weight of bromine or specification 5M nickel or monel drums of not over 25 gal capacity each and containing not more than 600 lb net weight of bromine."
SP 6429-No.	E. I. du Pont de Nemours & Co., Inc.; Carolina Explosives, Inc.; Cherokee Explosives Co.; Dole Explosives, Inc.; Hall Explosives, Inc.; Viking Explosives & Supply, Inc.; St. Lawrence Explosives Corp.; Margraf Explosives, Inc.; Explosives, Inc.	173.64(a)(5)	Authorizes shipment of high explosives in DOT specification 12H fiberboard boxes having inside a polyethylene bag of 6 to 10 mil thickness. Box hand-holes are not authorized (modes 1, 2).	To amend subparagraph (a)(5) to read: "(5) When such explosives contain over 5 pct moisture, boxes must have an inside polyethylene bag having a minimum thickness of 6 mil; lined with strong paraffined paper or other authorized material, specification 2L (sec. 178.30 of this chapter). Box hand-holes are not authorized."
SP 6728-No.	Diamond Shamrock Chemical Co.; Merck and Co., Inc.; Olin Corp.; Hooker Chemical & Plastics Corp.; Velsicol Chemical Corp.; Pennwalt Corp.; Ethyl Corp.	173.314(c) note 12	Authorizes shipment of chlorine in DOT specification 105A500W tank car tanks containing less than the minus 2 pct prescribed in note 12 of 49 CFR 173.314(c) (mode 2).	To amend the 3d sentence of note 12 to read: "Nominal 16, 30, 55, 85, or 90-ton tank car tanks must not be loaded in excess of the nominal lading weight."
E-6760-No.	Riverside Chemical Co.; Valley Chemical Co.; Cleveland Chemical Co.; Cotton States Chemical Co.	173.353(a)	Authorizes shipment of parathion, methyl parathion and other liquid organic phosphate compounds, and mixtures thereof in DOT specification 51 portable tanks by private motor vehicle only (mode 1).	To add subparagraph (a)(13) to read: "(13) Specification 51 (sec. 178.245 of this chapter). Portable tanks. Tanks must have no bottom opening except 1 3/4-in maximum plugged opening for maintenance purposes is authorized. Contents of the tank must be under no gas pressure except its own vapor pressure and the commodity must be loaded into, and unloaded from, the tank while the tank is mounted on the vehicle chassis. Authorized for parathion, methyl parathion, and organic phosphate compound, n.o.s. only and by private motor vehicle only."
		173.359(a)	Same as above	To add subparagraph (a)(15) to read: "(15) Specification 51 (sec. 178.245 of this chapter). Portable tanks. Tanks must have no bottom opening except 1 3/4-in maximum plugged opening for maintenance purpose is authorized. Contents of the tank must be under no gas pressure except its own vapor pressure and the commodity must be loaded into, and unloaded from, the tank while the tank is mounted on the vehicle chassis. Authorized for methyl parathion mixtures, organic phosphate compound mixtures, n.o.s., and parathion mixtures only and by private motor vehicle only."
E6779-No.	Stauffer Chemical Co.	173.360(a)	Authorizes shipment of perchloromethyl-mercaptan in a monel-clad DOT specification 51 portable tank (mode 1).	To add subparagraph (5) to read: "(5) Specification 51 (sec. 178.245 of this chapter). Portable, monel-clad. Tanks with bottom discharge outlets are prohibited."
SP 6906-X	Hercules Inc.	173.224(a)(3)	Authorizes shipment of dicumyl peroxide of 50-pct maximum concentration in a nonvolatile solvent in DOT specification 103W, 103AW, 11A60F1, 11A60W1, 11A100F2, and 11A100W2 tank car tanks (mode 2).	To amend subparagraph (a)(3) to read: "(3) Specification 1031, 103-W, 103A1, 103A-W, 11A60-F-1, 11A60-W-1, 11A100-F-2 or 11A100-W-2, (secs. 179.20, 179.200, or this chapter). Tank cars. Authorized for 90 pct or less cumene hydroperoxide in a nonvolatile solvent, dicumyl peroxide of strength not exceeding 50 pct in a nonvolatile solvent, paramenthane hydroperoxide of strength not exceeding 60 pct in a nonvolatile solvent and diisopropylbenzene hydroperoxide of strength not exceeding 60 pct in a nonvolatile solvent only. Specification 1031, 103-W, 11A60-F-1 and 11A60-W-1 tank cars must have bottom outlets effectively sealed from the inside."
7028-X	Minerco Corp.	173.286	Authorizes shipment of various chloroformates in 5-gal DOT specification 34 polyethylene container (modes 1, 3).	To add subparagraph (e) to read: "(e) Specification 34 (sec. 178.19 of this chapter). Polyethylene container without overpack, not over 5-gal capacity."
7402-N	Hercules, Inc.	173.358(a)(5)	Requested an exemption to ship organic phosphate compounds, liquid-solid mixture, or emulsifiable liquid in DOT specification 21C fiber drums with inside liquid-tight metal cans (mode 1).	To amend subparagraph (a)(5) to read: "(5) Specification 21C (sec. 178.224 of this chapter). Fiber drums, with inside glass or metal containers not over 1-gal capacity each."
		173.359(a)(6)		To amend subparagraph (a)(6) to read: "(6) Specification 21C (sec. 178.224 of this chapter). Fiber drums, with inside glass or metal containers not over 1-gal capacity each."
		173.359(b)(5)		To amend subparagraph (b)(5) to read: "(5) Specification 21C (sec. 178.224 of this chapter). Fiber drums, with inside glass or metal containers not over 1-gal capacity each."