

TABLE 2 TO PART 153—CARGOES NOT REGULATED UNDER SUBCHAPTERS D OR O OF THIS CHAPTER WHEN CARRIED IN BULK ON NON-OCEANGOING BARGES

[The cargoes listed in this table are not regulated under subchapter D or O of this title when carried in bulk on non-oceangoing barges. Category X, Y, or Z noxious liquid substance (NLS) cargo, as defined in Annex II of MARPOL 73/78, listed in this table, or any mixture containing one or more of these cargoes, must be carried under this subchapter if carried in bulk on an oceangoing ship.]

Cargoes	Pollution category
Acrylic acid/ethenesulfonic acid copolymer with phosphonate groups, sodium salt solution *	Z
Aluminum sulfate solution *	Y
2-Amino-2-hydroxymethyl-1,3-propanediol solution	#
Ammonium hydrogen phosphate solution	Z
Ammonium lignosulfonate solutions, <i>see also</i> Lignin liquor	Z
Ammonium nitrate solution (45% or less)	#
Ammonium phosphate, urea solution, <i>see also</i> Urea, Ammonium phosphate solution	#
Ammonium polyphosphate solution	Z
Ammonium sulfate solution	Z
Ammonium thiosulfate solution (60% or less)	Z
Apple juice	OS
Calcium bromide solution	Z
Calcium carbonate slurry	OS
Calcium chloride solution	Z
Calcium hydroxide slurry	Z
Calcium lignosulfonate solution, <i>see also</i> Lignin liquor	Z
Calcium nitrate solutions (50% or less) *	Z
Calcium nitrate/Magnesium nitrate/Potassium chloride solution	Z
Caramel solutions	#
Chlorinated paraffins (C14-C17) (with 50% Chlorine or more, and less than 1% C13 or shorter chains) *	X
Chlorinated paraffins (C14-C17) (with 52% Chlorine)	#
2-Chloro-4-ethylamino-6-isopropylamino-5-triazine solution	#
4-Chloro-2-methylphenoxyacetic acid, dimethylamine salt solution *	Y
Choline chloride solutions	Z
Clay slurry	OS
Coal slurry	OS
<i>Dextrose solution, see</i> Glucose solution.	
Diethylenetriamine pentaacetic acid, pentasodium salt solution	Z
1,4-Dihydro-9,10-dihydroxy anthracene, disodium salt solution	#
Dodecenylosuccinic acid, dipotassium salt solution	#
Drilling brine (containing Calcium, Potassium, or Sodium salts) (<i>see also</i> Potassium chloride solution (10% or more))	#
Drilling brines, including: Calcium bromide solution, Calcium chloride solution and Sodium chloride solution (if non-flammable and non-combustible)	Z
Drilling brines (containing Zinc salts)	X
Drilling mud (low toxicity) (if non-flammable and non-combustible)	#
Ethylene-Vinyl acetate copolymer (emulsion)	Y
Ferric hydroxyethylethylenediamine triacetic acid, trisodium salt solution	#
Fish solubles (water based fish meal extracts)	#
Fructose solution	#
Glucose solution	OS
Glycine, Sodium salt solution	Z
Glyphosate solution (not containing surfactant) *	Y
Hexamethylenediamine adipate solution	#
Hexamethylenediamine adipate (50% in water)	Z
N-(Hydroxyethyl)ethylenediamine triacetic acid, trisodium salt solution	Y
Kaolin clay solution	#
Kaolin slurry	OS
Kraft pulping liquor (free alkali content, 1% or less) <i>including: Black, Green, or White liquor</i>	#
Lignin liquor (free alkali content, 1% or less)	Z
<i>including:</i>	
Ammonium lignosulfonate solutions	Z
Calcium lignosulfonate solutions	Z
Sodium lignosulfonate solution	Z
Ligninsulfonic acid, Sodium salt solution	Z
Magnesium chloride solution	Z
Magnesium hydroxide slurry	Z
Magnesium sulfonate solution	#
Maltitol solution *	OS
Microsilica slurry *	OS
Milk	#
Molasses	OS
Molasses residue (from fermentation)	#
Naphthalenesulfonic acid-Formaldehyde copolymer, sodium salt solution	Z
Naphthenic acid, sodium salt solution	#
Nitrioltriacetic acid, trisodium salt solution *	Y
Noxious liquid, NF, (1) n.o.s. ("trade name" contains "principle components") ST 1, Cat X (if non-flammable and non-combustible)	X

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Cargoes	Pollution category
Noxious liquid, NF, (3) n.o.s. ("trade name" contains "principle components") ST 2, Cat X (if non-flammable and non-combustible)	X
Noxious liquid, NF, (5) n.o.s. ("trade name" contains "principle components") ST 2, Cat Y (if non-flammable and non-combustible)	Y
Noxious liquid, NF, (7) n.o.s. ("trade name" contains "principle components") ST 3, Cat Y (if non-flammable and non-combustible)	Y
Noxious liquid, NF, (9) n.o.s. ("trade name" contains "principle components") ST 3, Cat Z (if non-flammable and non-combustible)	Z
Noxious liquid, NF, (11) n.o.s. ("trade name" contains "principle components") Cat Z (if non-flammable and non-combustible)	Z
Noxious liquid, NF, (12) n.o.s. ("trade name" contains "principle components") Cat OS (if non-flammable and non-combustible)	OS
Orange juice (concentrated)*	OS
Orange juice (not concentrated)*	OS
<i>Pentasodium salt of Diethylenetriamine pentaacetic acid solution, see Diethylenetriamine pentaacetic acid, pentasodium salt solution.</i>	
Polyaluminum chloride solution	Z
<i>Potassium chloride solution (26% or more), see Drilling brines, including: Calcium bromide solution, Calcium chloride solution and Sodium chloride solution.</i>	
Potassium chloride solution (less than 26%)*	OS
Potassium formate solutions*	Z
Potassium thiosulfate (50% or less)*	Y
Sewage sludge, treated (treated so as to pose no additional decompositional and fire hazard; stable, non-corrosive, non-toxic, non-flammable)	#
Silica slurry	#
Sludge, treated (treated so as to pose no additional decompositional and fire hazard; stable, non-corrosive, non-toxic, non-flammable)	#
Sodium acetate, Glycol, Water mixture (containing 1% or less Sodium hydroxide) (if non-flammable or non-combustible)	#
Sodium acetate solutions	Z
Sodium alkyl (C14-C17) sulfonates (60-65% solution)*	Y
Sodium aluminosilicate slurry	Z
Sodium bicarbonate solution (less than 10%)*	OS
Sodium carbonate solution	Z
Sodium hydrogen sulfide (6% or less)/Sodium carbonate (3% or less) solution*	Z
Sodium lignosulfonate solution, see also Lignin liquor	Z
<i>Sodium naphthenate solution (free alkali content, 3% or less), see Naphthenic acid, sodium salt solution.</i>	
Sodium poly(4+)acrylate solutions	Z
Sodium silicate solution	Y
Sodium sulfate solutions	Z
Sodium sulfite solution (25% or less)*	Y
Sodium thiocyanate solution (56% or less)*	Y
Sorbitol solution	OS
Sulfonated polyacrylate solution	Z
<i>Tetrasodium salt of Ethylenediaminetetraacetic acid solution, see Ethylenediaminetetraacetic acid, tetrasodium salt solution.</i>	
Titanium dioxide slurry	Z
1,1,1-Trichloroethane	Y
1,1,2-Trichloro-1,2,2-trifluoroethane	Y
<i>Trisodium salt of N-(Hydroxyethyl)ethylenediamine triacetic acid solution, see N-(Hydroxyethyl)ethylenediamine triacetic acid, trisodium salt solution.</i>	
Urea, Ammonium mono- and di-hydrogen phosphate, Potassium chloride solution	#
Urea/Ammonium nitrate solution*	Z
Urea/Ammonium phosphate solution	Y
Urea solution	Z
Vanillin black liquor (free alkali content, 1% or less)	#
Vegetable protein solution (hydrolyzed) (if non-flammable and non-combustible)	OS
Water	OS
<i>Zinc bromide, Calcium bromide solution, see Drilling brines (containing Zinc salts).</i>	

Explanation of Symbols Used in this Table:
 X, Y, Z—NLS Category of Annex II of MARPOL 73/78.
 #—No determination of NLS status. For shipping on an oceangoing vessel, see 46 CFR 153.900(c).
 OS—Other substances, at present considered to present no harm to marine resources, human health, amenities or other legitimate uses of the sea when discharged into the sea from tank cleaning or deballasting operations.
 Abbreviations for Noxious Liquid Cargoes Used In This Table:
 Cat—Pollution category.
 NF—Non-flammable (flash point greater than 60 degrees C (140 degrees F) cc).
 n.o.s.—Not otherwise specified.
 ST—Ship type.
 *—From the March 2012 Annex to the 2007 IBC Code.