

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 A, B, or C noxious liquid substance (NLS) cargo, as defined in §153.2 of this chapter, 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. Requirements for Category D NLS cargoes and mixtures of non-NLS cargoes with Category D NLS cargoes are in 33 CFR part 151.

Cargoes	Pollution Category
2-Amino-2-hydroxymethyl-1,3-propanediol solution	III
Ammonium hydrogen phosphate solution	D
Ammonium lignosulfonate solution, <i>see also</i> Lignin liquor	III
Ammonium nitrate solution (45% or less)	D
Ammonium nitrate, Urea solution (2% or less NH ₃), <i>see also</i> Urea, Ammonium nitrate solution (2% or less NH ₃)	D
Ammonium phosphate, Urea solution, <i>see also</i> Urea, Ammonium phosphate solution	D
Ammonium polyphosphate solution	D
Ammonium sulfate solution (20% or less)	D
Ammonium thiosulfate solution (60% or less)	C
Apple juice	III
Calcium bromide solution	III
Calcium carbonate slurry	III
Calcium chloride solution	III
Calcium hydroxide slurry	D
Calcium lignosulfonate solution, <i>see also</i> Lignin liquor	III
Calcium nitrate, Magnesium nitrate, Potassium chloride solution	III
Caramel solutions	III
Chlorinated paraffins (C14–C17) (with 52% Chlorine)	III
2-Chloro-4-ethylamino-6-isopropylamino-5-triazine solution	#
Choline chloride solution	D
Clay slurry	III
Coal slurry	III
<i>Dextrose solution, see</i> Glucose solution.	
Diethylenetriamine pentaacetic acid, pentasodium salt solution	III
1,4-Dihydro-9,10-dihydroxy anthracene, disodium salt solution	D
Dodecenylsuccinic acid, dipotassium salt solution	D
Drilling brine (containing Calcium, Potassium, or Sodium salts) (<i>see also</i> Potassium chloride solution (10% or more))	D
Drilling brine (containing Zinc salts)	B
Drilling mud (low toxicity) (<i>if non-flammable and non-combustible</i>)	[III]
Ethylenediaminetetraacetic acid, tetrasodium salt solution	D
Ethylene-Vinyl acetate copolymer (<i>emulsion</i>)	III
Ferric hydroxyethylethylenediamine triacetic acid, trisodium salt solution	D
Fish solubles (<i>water based fish meal extracts</i>)	III
Fructose solution	#
Glucose solution	III
Glycine, sodium salt solution	III
Hexamethylenediamine adipate solution	D
N-(Hydroxyethyl)ethylenediamine triacetic acid, trisodium salt solution	D
Kaolin clay solution	III
Kaolin slurry	III
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) <i>including:</i>	#
Ammonium lignosulfonate solution	III
Calcium lignosulfonate solution	III
Sodium lignosulfonate solution	III
Lignin sulfonic acid, sodium salt solution, <i>see also</i> Lignin liquor or Sodium lignosulfonate solution	III
Magnesium chloride solution	III
Magnesium hydroxide slurry	III
Milk	III
Molasses	III
Molasses residue (<i>from fermentation</i>)	[III]
Naphthenic acid, sodium salt solution	[A]
Noxious liquid, N.F., (1) n.o.s. ("trade name" contains "principle components") ST 1, Cat A (<i>if non-flammable or non-combustible</i>)	A
Noxious liquid, N.F., (3) n.o.s. ("trade name" contains "principle components") ST 2, Cat A (<i>if non-flammable or non-combustible</i>)	A
Noxious liquid, N.F., (5) n.o.s. ("trade name" contains "principle components") ST 2, Cat B (<i>if non-flammable or non-combustible</i>)	B
Noxious liquid, N.F., (6) n.o.s. ("trade name" contains "principle components") ST 2, Cat B, mp. equal to or greater than 15 deg. C (<i>if non-flammable or non-combustible</i>)	B
Noxious liquid, N.F., (9) n.o.s. ("trade name" contains "principle components") ST 3, Cat A (<i>if non-flammable or non-combustible</i>)	A

Cargoes	Pollution Category
Noxious liquid, N.F., (11) n.o.s. ("trade name" contains "principle components") ST 3, Cat B (if non-flammable or non-combustible)	B
Noxious liquid, N.F., (12) n.o.s. ("trade name" contains "principle components") ST 3, Cat B, mp. equal to or greater than 15 deg. C (if non-flammable or non-combustible)	B
Noxious liquid, N.F., (15) n.o.s. ("trade name" contains "principle components") ST 3, Cat C (if non-flammable or non-combustible)	C
Noxious liquid, n.o.s. (17) ("trade name," contains "principal components"), Category D (if non-flammable or non-combustible)	D
Non-noxious liquid, n.o.s. (18) ("trade name," contains "principal components"), Appendix III (if non-flammable or non-combustible)	III
Pentasodium salt of Diethylenetriamine pentaacetic acid solution, see Diethylenetriamine pentaacetic acid, pentasodium salt solution.	
Polyaluminum chloride solution	III
Potassium chloride solution (10% or more)(see also the drilling brines entry)	III
Sewage sludge, treated (treated so as to pose no additional decompositional and fire hazard; stable, non-corrosive, non-toxic, non-flammable)	#
Silica slurry	[III]
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 aluminosilicate slurry	III
Sodium carbonate solution	D
Sodium lignosulfonate solution, see also Lignin liquor	III
Sodium naphthenate solution (free alkali content, 3% or less), see Naphthenic acid, sodium salt solution..	
Sodium poly(4+)acrylate solution	III
Sodium silicate solution	C
Sodium sulfate solution	III
Sorbitol solution	III
Sulfonated polyacrylate solution	III
Tetrasodium salt of Ethylenediaminetetraacetic acid solution, see Ethylenediaminetetraacetic acid, tetrasodium salt solution.	
Titanium dioxide slurry	III
1,1,1-Trichloroethane	C
1,1,2-Trichloro-1,2,2-trifluoroethane	C
Trisodium salt of N-(Hydroxyethyl)ethylenediamine triacetic acid solution, see N-(Hydroxyethyl)ethylenediamine triacetic acid, trisodium salt solution..	
Urea, Ammonium mono- and di-hydrogen phosphate, Potassium chloride solution	D
Urea, Ammonium nitrate solution (2% or less NH ₃), see also Ammonium nitrate, Urea solution (2% or less)	D
Urea, Ammonium phosphate solution, see also Ammonium phosphate, Urea solution	D
Urea solution	III
Vanillin black liquor (free alkali content, 1% or less)	#
Vegetable protein solution (hydrolysed)	III
Water	III
Zinc bromide, Calcium bromide solution, see Drilling brine (containing Zinc salts).	

Explanation of Symbols: As used in this table, the following stand for:

A, B, C, D—NLS Category of Annex II of MARPOL 73/78.

I—Considered an "oil" under Annex I of MARPOL 73/78.

III—Appendix III of Annex II (non-NLS cargoes) of MARPOL 73/78.

LFG—Liquefied flammable gas.

#—No determination of NLS status. For shipping on an oceangoing vessel, see 46 CFR 153.900(c).

[]—A NLS category in brackets indicates that the product is provisionally categorized and that further data are necessary to complete the evaluation of its pollution hazards. Until the hazard evaluation is completed, the pollution category assigned is used.

@The NLS category has been assigned by the U.S. Coast Guard, in absence of one assigned by the IMO. The category is based upon a GESAMP Hazard Profile or by analogy to a closely related product having an NLS assigned.

Abbreviations for Noxious liquid Cargoes:

N.F.—non-flammable (flash point greater than 60 degrees C (140 degrees F) cc).

n.o.s.—not otherwise specified.

ST—Ship type.

Cat—Pollution category.

[CGD 88-100, 54 FR 43584, Oct. 26, 1989; CGD 92-100, 59 FR 17044, Apr. 11, 1994, as amended by CGD 94-900, 59 FR 45142, Aug. 31, 1994; CGD 94-902, 60 FR 34043, June 29, 1995; CGD 95-900, 60 FR 34052, June 29, 1995; USCG 2000-7079, 65 FR 67213, Nov. 8, 2000]

EFFECTIVE DATE NOTE: By USCG-2013-0423, 78 FR 50208, Aug. 16, 2013, table 2 to part 153 was revised, effective Sept. 16, 2013. At 78 FR 56837, Sept. 16, 2013, the effectiveness was delayed until Jan. 16, 2014. At 79 FR 2106, Jan. 13, 2014, the effectiveness was delayed until Jan. 16, 2015. For the convenience of the user, the revised text is set forth as follows:

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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[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
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 (<i>treated so as to pose no additional decompositional and fire hazard; stable, non-corrosive, non-toxic, non-flammable</i>)	#
Silica slurry	#
Sludge, treated (<i>treated so as to pose no additional decompositional and fire hazard; stable, non-corrosive, non-toxic, non-flammable</i>)	#
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, <i>see also</i> 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.