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Cargoes	Pollution Category
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.	**[A]**
•Sodium **poly(4+)acrylate** solution	**III**
•Sodium silicate solution	**C**
•Sodium sulfate solution	**III**
Sorbitol solution	III
Tetrasodium salt of Ethylenediaminetetraacetic acid solution, *see* Ethylenediaminetetraacetic acid, tetrasodium salt solution.	D
1,1,1-Trichloroethane	**C**
1,1,2-Trichloro-1,2,2-trifluoroethane	C
Trisodium salt of N-(Hydroxyethyl)-ethylenediaminetriacetic acid solution, *see* N-(Hydroxyethyl)ethylenediamine triacetic acid, trisodium salt solution.	D
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
Vanillan 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).	

Items with a bullet (•) or in **boldface** are changes since October 1, 1993.

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]

APPENDIX I [RESERVED]

APPENDIX II—METRIC UNITS USED IN PART 153

Parameter	Metric (SI unit)	Abbreviation	Equivalent to English or common metric
Force	Newton	N	0.225 lbs.
Length	Meter	m	39.37 in.
	Centimeter	cm	.3937 in.
Pressure	Pascal	Pa	1.450×10^{-4} lbs/in^2.
	Kilo-Pascal (1,000 Pascals).	kPa	0.145 lbs/in^2.
	Kilo-Pascal	kPa	1.02×10^{-2} kg/cm^2.
	....do	kPa	1×10^3 N/m^2.
Temperature	Degree Celsius	° C	5/9 (°F–32).
Viscosity	milli-Pascal second.	mPa. sec.	1.0 centipoise.
Volume	Cubic meter	m^3	264 gallons (gal).
	....do	m^3	35.3 ft^3.

[CGD 73–96, 42 FR 49027, Sept. 26, 1977, as amended by CGD 78–128, 47 FR 21212, May 17, 1982; CGD 81–101, 52 FR 7799, Mar. 12, 1987. Redesignated by CGD 92–100, 59 FR 17045, Apr. 11, 1994]

PART 154—SAFETY STANDARDS FOR SELF-PROPELLED VESSELS CARRYING BULK LIQUEFIED GASES

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TABLE 4—SUMMARY OF MINIMUM REQUIREMENT

APPENDIX A—EQUIVALENT STRESS
APPENDIX B—STRESS ANALYSES DEFINITIONS

AUTHORITY: 46 U.S.C. 3703, 9101; 49 CFR 1.46.

SOURCE: CGD 74–289, 44 FR 26009, May 3, 1979, unless otherwise noted.

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