# **// CHEMICAL GUIDE**

The chemical guide in this section is offered as a general indication of the compatibility of the various materials used in ALFAGOMMA hose with the chemicals and fluids listed. The basis for the ratings in this guide include actual service experience, the advice of various polymer suppliers, and the considered opinion of our rubber chemists. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle. Some of the variables that come into play in the resistance of a compound to chemical attack are:

#### 1. Temperature of the Material Transmitted

Higher temperatures increase the effect of chemicals on rubber compounds. The increase varies with the polymer and the chemical. A compound quite suitable at room temperature might fail very quickly at higher temperatures.

#### 2. Service Conditions

A rubber compound usually swells when exposed to a chemical. With a given percent of swell, a hose tube may function satisfactorily if the hose is in a static condition, but fail quickly if the hose is subject to flexing.

### 3. The Grade or Blend of the Rubber Compound

Basic rubber polymers are sometimes mixed or blended together to enhance a particular property for a specific service. The reaction to a particular chemical blend of polymers may, therefore, be somewhat different from the reaction to the single ones. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle.

## General chemical resistance of alfagomma hose compounds

	iotarioe or anagomin		
Common name	ASTM designation D1418-93	Composition	General properties
Natural rubber	NR	Isoprene rubber	Excellent physical properties, including abrasion resistance. Not oil resistant.
SBR	SBR	Styrene-butadiene rubber	Good physical properties, including abrasion resistance. Not oil resistant.
Butyl rubber	IIR	Isobutene-isoprene rubber	Very good weathering resistance. Low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.
EPDM	EPDM	Ethylene-propylene-die- ne-terpolymer	Good general purpose polymer. Excellent heat, ozone and weathering resistance. Not oil resistant.
Cross linked polyethylene	XLPE	Cross linked polyethylene	Excellent resistance to most solvents, oils and chemicals. Do not confuse with chemical properties of standard polyethylene.
Ultra high molecular weight polyethylene	UPE	Ultra high molecular weight polyethylene	Excellent resistance to most solvents, chemicals and hydrocarbons. Excellent abrasion and wear resistance. Inert and suitable for food contact. Do not confuse with chemical properties of standard polyethylene.
Teflon/Fluorocarbon resin	PTFE	Polytetra-fluoroethylene	Excellent chemical and solvent resistance. Inert to most materials. Smooth anti-adhesive surface, easy to clean.
Nitrile rubber	NBR	Acrylonitrile-butadiene rubber	Excellent oil resistance. Good physical properties.
Neoprene	CR	Chloroprene rubber	Excellent weathering resistance. Flame retardant. Good oil resistance. Good physical properties.
Hypalon®	CSM	Chloro-sulfonated polyethy- lene	Excellent ozone, weathering and acid resistance. Good abrasion and heat resistance. Can be compounded for good oil resistance.
Polyurethane	AU	Polyester urethane	Excellent abrasion and wear resistance. Not resistant to hydrolysis.
Viton	FKM	Fluorocarbon rubber	Excellent high temperature resistance, particularly in air or oil. Very good resistance to chemicals.

# **// CHEMICAL RESISTANCE CHART**

The following data is based on tests and believed to be reliable; however, we emphasise that the tabulation should be used as a guide only, since it does not take into consideration all variables such as elevated temperatures, fluid contamination, concentration, etc. that may be encountered in actual use. All critical applications should be tested.

Contact ALFAGOMMA for recommendation and assistance.

Note: All data based on 20 °C (68 °F) unless otherwise noted.

Chemical						Com	pound					
or material conveyed	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBR	CR	CSM	AU	FKM
ACETALDEHYDE	F	X	E	E	E	E	C	X	С	F	X	X
ACETIC ACID, GLACIAL	C	X	G	G	E	E	C	X	F	C	C	X
ACETIC ACID, 10%	G	F	G	E	E	E	C	E	E	E	X	G
ACETIC ACID, 50%	X	F	G	E	E	E	С	F	F	E	X	F
ACETIC ANHYDRIDE	F	X	C	G	E	E	F	X	G	E	F	X
ACETIC OXIDE	F	X	G	G	E	E	F	X	G	E	F	X
ACETONE	C	C	E	E	Ε	E	X	X	C	X	X	X
ACETONE CYANOHYDRIN	F		E	E				X	G	F	X	X
ACETONITRILE	G		E	E			8	X	E	G		X
ACETOPHENONE	C	X	G	E	Ε	E	X	X	X	X	X	X
ACETYLACETONE	X	X	E	E	100	1	X	X	X	X	C	X
ACETYL CHLORIDE	×	X	X	×			8	X	×	C	X	G
ACETYL OXIDE	F		G	G	E	E	F	X	G	E	F	X
ACETYLENE	C	F	Ε	E	E	E	E	E	E	C	С	E
ACETYLENE DICHLORIDE	X	X	F	C			E	X	X	X		G
ACETYLENE TERACHLORIDE	X	1.000	x	C			X	×	C	X	X	
ACROLEIN	G	F	E	E			122	F	G	G	X	С
ACRYLONITRILE	С	F	X	E	E	E	G	X	x	C	×	X
ACRYLIC ACID	×		OF THE	×			×	×	×	G	C	
ADIPIC ACID	E		Х	C	Ε	E	G	E	E	G	E	E
AIR, +300°F	X	X	G	G	100	-	E	G	G	G	C	E
ALK-TRI	X		Х	X			×	X	X	X	×	E
ALLYL ALCOHOL	E		E	E	E	E	- 72	E	E	E	-77	E
ALLYL BROMIDE	X		X	×		-		X	X	X		G
ALLYL CHLORIDE	X	E	C	X	E	F	G	G	X	X		E
ALUM	E	1,60	E	G	E	E	C	C	E	E	G	E
ALUMINIUM ACETATE	E	X	G	E			E	C	C	E	X	C
ALUMINIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	C	E
ALUMINIUM FLUORIDE	E	E	E	E	E	E	E	E	E	E	C	E
ALUMINIUM FORMATE	X		G	E	-57	-	-	X	E	X	X	X
ALUMINIUM HYDROXIDE	E	G	E	E	Е	Е	E	E	E	E	G	E
ALUMINIUM NITRATE	E	E	E	E	-	-	E	E	E	E	C	E
ALUMINIUM SULFATE	E	G	A	E	E	E	C	E	G	E	C	E
AMINES-MIXED	C	G		G	-	-	G	X	C	X	X	X
AMINOBENZENE	X	X	E	C	E	E	E	X	X	C	X	E
AMINODIMETHILBENZENE	X	^	G	C		-	-	ĉ	X	F	- ^	X
AMINOETHANE	Ĉ	×	G	E	E	E	E	C	Ĉ	F	Х	X
AMINOXYLENE	X	^	G	E	-	-	G	C	X	X	X	F
AMMONIUM CARBONATE	E	E	E	E			C	C	E	c	c	E
AMMONIUM CHLORIDE	E	E	E	E	E	E	E	G	E	E	G	E
AMMONIUM HYDROXIDE	G	X	G	E	E	E	E	C	E	E	C	G
AMMONIUM NITRATE	E	E	E	E	E	E	C	E	E	E	C	E
AMMONIUM PHOSPHATE, DIBASIC	E	E	E	E	E	E	C	E	E	E		E
	E	G	-		E					1000	-	
AMMONIUM SULFATE	E	G	E	E	E	E	C	E C	E	E	E	E X
AMMONIUM SULFIDE AMMONIUM THIOSULFATE		G				E	C	C				
	E C		E G	C	-	-	W.		E	E	X	E
AMYL ACETONE		X			E	E	X	X	X	X		X
AMYL ACETONE	X		G	G	pr.		-	X	X	X		X
AMYL ALCOHOL	C	G	E	E	E	E	E	C	С	E	Х	E
AMYL BROMIDE	X	(50	X	С	-	-	-	X	X	X	-	G
AMYL CHLORIDE	X	X	X	X	E	E	E	X	X	X	F	E
AMYL ETHER	X		X	X				C	Х	F		
AMYLAMINE	F		G	×				F	С	F		C
ANETHOLE	X		X	X				X	X	X		G

Chemical						Camp	bnuoc					
or material conveyed	NB	SBR	IIR:	EPDM	XLPE	UPE	PTFE	NBR	CR	CSM	AU	FKM
ANILINE	×	×	E	C	E	E	E	X	X	C	×	E
ANILINE DYES	C	G	G	C	E	E	С	X	С	G	×	G
ANILINE OIL	X	X	G	C	E	E	G	X	X	C	X	F
ANIMAL FATS	X	X	C	C	E	E	E	E	C	F	E	E
ANTIMONY PENTACHLORIDE	X			C	E	E		X	C	X	E	
AQUA REGIA	X	X	С	C	X	X	C	X	х	C	X	E
ARGON	X	С	G	E	3117	10/01	E	E	G	X	C	E
ARSENIC ACID	E	E	E	E	E	E	E	E	E	E	C	E
ASPHALT	X	X	×	X	E	E	E	C	C	F	C	E
ASTM FUEL A	×	X	X	X			F	E	C	С	E	E
ASTM FUEL B	X	X	×	X			X	С	X	X	C	E
ASTM FUEL C	×	X	×	×			X	C	X	X	X	E
ASTM OIL NO.1	×	×	×	X	E	E	E	E	E	C	E	E
ASTM OIL NO.2	X	×	X	X	E	E	G	E	C	X	C	E
ASTM OIL NO.3	x	x	×	x	E	E	G	E	C	c	0	E
ASTM OIL NO.4	×	x	X	×	4:		G	C	X	X	X	E
AUTOMATIC TRASMISSION FLUID	×	x	x	x			C	E	ĉ	Ĉ	c	E
BANANA OIL		^		-			1					
	X	1921	C	C	-	-	X	×	×	C	X	X
BARIUM CHLORIDE	E	E	E	E	E	E	E	E	8	E	E	E
BARIUM HYDROXIDE	E	E	E	E	E	E	E	E	E	E	E	E
BARIUM SULPHIDE	E	G	E	E	E	E	Ε	E	E	Ε	E	E
BEER	E	E	E	E	Ε	E	E	E	E	E	С	E
BEET SUGAR LIQUORS	E	E	E	E	E	E	E	E	C	E	X	E
BENZAL CHLORIDE			G					X				
BENZALDEHYDE	X	X	G	E	E	E	C	X	X	X	X	X
BENZENE	X	X	X	C	E	F	C	X	C	C	X	E
BENZENE CARBOXYLIC ACID	X		Ε	C			E	X	E	C	X	E
BENZINE		X	X	X	Ε	Ε	F	E	C	С	F	E
BENZOIC ACID	X	×	C	C			C	×	E	C	×	E
BENZOL	×	X	×	C	E	F	C	X	С	C	×	E
BENZOTRICHLORIDE	×	- 76.	(88)	E		-2	E	X	X	X	-37	
BENZYL ACETATE	X		E	E			-	X	Ë	G	х	X
BENZYL ALCOHOL	×	X	E	C			Ε	×	C	C	×	E
BENZYL CHLORIDE	x	×	X	×			E	x	X	×	X	C
BENZYL ETHER	×	×	G	ô			F	×	×	×	C	X
		2000		1000	120	-	P.		0.2	100		100000
BLACK SULFATE LIQUOR	G	G	G	G	E	E	-	G	G	G	X	E
BLEACH	С	X	E	E	G	F	E	X	С	E	C	G
BORAX SOLUTION	С	G	Ε	E	E	E	E	С	E	E	E	E
BORIC ACID	E	E	E	E	E .	E	E	E	E	E	E	E
BRAKE FLUID (HD-557)12 DAYS	X	E	Ε	E			Ε	С	C	С	×	X
BRINE	E		E	E	E	E	E	E	E	E	G	E
BROMACIL.												
BROMOBENZENE	X	X	X	X			X	X	X	X	X	E
BROMOCHLOROMETANE	X		C	G	F	F		X	X	X		F
BROMOETHANE	C	×	C	X	E	E	E	C	×	×	X	E
BROMOTOLUENE	X	77.00	X		110-0-	100		X		X		G
BUNKER OIL	×	X	×	X		-	E	E	G	C	C	E
BUTADIENE	×	X	×	×	E	E	С	X	Х	G	×	E
BUTANE	X	X	×	X	E	E	C	E	E	C	E	E
BUTANOIC ACID	C		×	C			E	C	X	C	C	E
BUTANOL	E	E	C	C	E	E	E	E	E	E	×	E
BUTANONE	X	X	E	E	E	E	X	X	X	X	X	X
BUTOXYETHANOL	x	_^_	C	E			Ê	Ĉ	x	Ĝ	×	x
BUTYL ACETATE		- 4	C	100	E	E	X	X	X	X		
MARKET CONTROL OF THE PROPERTY	X	X		C	11.7			3.7	5.5	40.00	X	X
BUTYL ACRYLATE	×	×	X	C	E	E	×	×	×	×		×
BUTYL ALCOHOL	E	E	С	С	E	E	Ε	E	E	E	X	E
BUTYL ALDEHYDE	X	X	С	С	E	E	X	X	X	X	С	X
BUTYL BENZYL PHTHALATE	X	2000	E	E	E	E	-	X	E	X	×	F
BUTYL CARBITOL	×	×	E	E			С	X	X	С	×	F
BUTYL CELLOSOLVE	X	X	С	C	E	E	F	C	Х	G	X	X
BUTYL CHLORIDE	×		F	X				×	×	×	E	E
BUTYL ETHER	X	X	С	C	E	E	X	X	C	X	C	×
BUTYL ETHER ACETALDEHYDE	X		G	X			1	Х	×	X	11122	X
BUTYL ETHYL ETHER	X		X	F				G	X	C		-
BUTYL OLEATE	×	×	C	C			С	×	X	×		E
	x	X	G	E	E	E	c	x	x	x	Х	F
BUTYL PHTHALATE			100		-	-			77		- 0	

Chemical						Com	bnuoq					
or material conveyed	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBR	CR	CSM	AU	EKN
BUTYLENE	×	X	X	X			С	С	C	C	С	E
BUTYRALDEHYDE	×	X	C	C	E	E	X	X	X	X	C	×
BUTYRIC ACID	С	X	X	С	E	E	E	С	X	С	С	G
BUTYRIC ANHYDRIDE	F		F	E			The same	C	G	G	X	
CADMIUM ACETATE	×		E					×		E		×
CALCIUM ALUMINATE	E		E					E		E		E
CALCIUM BICHROMATE			E	E				C	Е	F		-
CALCIUM BISULFIDE	X	G	X	E			Ε	C	E	F	С	E
	E	E	E	E		E	E	177	E	100	0.70	2.575
CALCIUM CHLORIDE CALCIUM HYDROXIDE				1.77	E	1.77		E		E	E	E
	E	E	E	E	E	E	E	E	E	E	C	E
CALCIUM HYPOCHLORITE	C	X	Ε	E	Ε	E	E	С	C	E	С	E
CALCIUM NITRATE	E	E	E	E			E	E	E	E	E	E
CALCIUM SULFIDE	C	X	E	E			E	E	E	E	C	E
CALCIUM ACETATE	E	X	E	E			C	C	C	C	X	E
CAPRYLIC ACID	C		F					F		G		
CARBAMIDE	E		E	E	E	E	F	G	G	E	G	E
CARBITOL	C	E	C	C	E	E	E	C	C	С	X	E
CARBOLIC ACID PHENOL	C		C				E			C	C	
CARBON DIOXIDE	G	G	E	G	E	E	E	E	G	E	E	E
CARBON DISULFIDE	×		X	X	0	C	C	X	X	X	C	E
CARBON MONOXIDE		G										-
	C	- 13	E	E	E	E	E	E	C	C	E	E
CARBON TETRACHLORIDE	X	14.1	X	X	E	Ε.	×	X	X	X	C	E
CARBONIC ACID	E	G	E	E	E	E	E	С	E	E	E	E
CASTOR OIL	E	E	C	C	E	E	E	E	E	E	Ε	E
CAUSTIC SODA	E	E	E	G	E	E	E	C	G	E	C	E
CELLOSOLVE ACETATE	C	X	C	G	E	E	C	X	×	X	C	X
CELLUGUARD	E	E	E	E			E	E	E	E	X	E
CETYLIC ACID	C	G	C	C	E	E	3	E	G	C	C	E
CHINA WOOD OIL	×	X	C	X	E	E	E	E	С	C	C	E
CHLORINATED SOLVENTS	×	×	X	X	E	E	C	×	X	×	X	E
CHLORO-2-PROPANONE	x	- 0	C	-	-	- 5	C	^	^	X	X	-
		×	C		-				v	G		-
CHLOROACETIC ACID	×	1000	200	C	E	E	С	X	X	0.77	X	G
CHLOROACETONE	×	X	С	E	E	E	С	Х	×	X	×	X
CHLOROBENZENE	×	X	X	X	E	E	C	X	X	X	X	E
CHLOROBUTANE	X		F	X				X	X	X	E	E
CHLORODANE	×	X	X	X			C	C	C	C	C	E
CHLOROETHYL BENZENE	X		X	X				C	X	X	C	
CHLOROFORM	X	X	X	X-	F	E	E	X	X	X	X	E
CHLOROPENTANE	X		x	X			С	X	X	X	F	E
CHLOROSULFONIC ACID	×	X	×	X	F	X	C	X	×	×	×	X
CHLOROTOLUENE	X	X	X	X		22	C	X	X	X	×	E
			1441					Ĉ				
CHLOROX	X	X	C	G	-	-	E		0	C	X	E
CHROME PLATING SOLUTIONS	X	X	С	C		-	E	X	X	X	X	E
CHROMIC ACID	C	×	C	C	E	E	E	X	X	E	C	E
CHROMIUM TRIOXIDE	X	X	G	С			E	X	X	E	X	С
CINNAMENE	×	X	×	X			×	C	×	X	C	G
CIS-9-OCTADECENOIC ACID	×	X	×	C	E	E	E	G	C	C	C	E
CITRIC ACID	E	E	Ε	E	E	E	E	E	E	E	E	E
COAL TAR OIL	X	X	X	X	E	E	E	Ε	G	F	F	E
COAL TAR	×	×	×	X	E	E	C	C	С	C	C	E
COAL TAR NAPHTHA	X	388	X	X	E	E	E	X	X	X	G	E
COCONUT OIL	x	X	c	Ĉ	E	E	C	E	Ĉ	C	C	E
COKE OVEN GAS		-		404	1	The State of the S		100			1400	_
	С	X	C	X	Ε	E	C	X	X	C	X	E
DOOLANOL	×	×	×	X	-		E	E	C	C	X	E
COPPER CHLORIDE	E	E	E	E	E	E	E	E	C	С	Ε	E
COPPER CYANIDE	E	E	E	E	E	E	G	E	E	E	E	E
COPPER HYDRATE	F		E					G		G		F
COPPER HYDROXIDE	F		E					G		G		F
COPPER SULFATE	С	G	С	E	Ε	Ε	E	E	E	E	С	E
CORN OIL	X	X	C	0	E	E	E	E	C	C	E	E
COTTONSEED OIL	x	×	C	C	E	E	C	E	C	C	E	E
	1,77,77	1007								1000		
CREOSOTE	X	X	X	X	E	E	C	С	C	X	C	E
ORESOLS	X	X	X	X	E	E	E	X	X	X	X	E
CRESYLIC ACID	×	X	X	Χ.	E	E	C	X	X	×	X	E
CROTONALDEHYDE	×	F	E	E	E	E		X	X	X	X	X
CRUDE OIL	X	X	X	X	E	E	C	C	C	C	E	E
CUMENE	×	X	×	X			C	X	×	×	×	E

**Blank** = No data  $\mathbf{E} = \text{Excellent}$   $\mathbf{G} = \text{Good}$   $\mathbf{F} = \text{Fair}$   $\mathbf{C} = \text{Conditional}$   $\mathbf{X} = \text{Unsatisfactory}$ 

Chemical						Com	pound					
or material conveyed	NR	SBR	IIB	EPDM	XLPE	UPE	PTFE	NBB	CB	CSM	AU	FKM
CUPRIC GARBONATE	-	100000000000000000000000000000000000000	-				-		-		072	E
CUPRIC HYDROXIDE	F		E					G		G		F
CUPRIC NITRATE	G		E	C	E	E	G	C	E	E	G	E
CUPRIC SULFATE	C	G	C	E	E	E	E	E	E	E	C	E
CUTTING OIL	C	X	×	X			C	E	C	0	E	E
CYCLOHEXANE	×	X	X	X	E	E	C	E	×	C	C	E
CYCLOHEXANOL.	C	X	X	X	E	E	C	G	C	C	E.	E
CYCLOHEXANONE	X	X	C	C	E	E	C	X	×	×	X	X
CYCLOPENTANE	×		X	X			C	G	C	X	E	E
CYCLOPENTANOL				1					-			G
CYCLOPENTANONE	X		X					X		X		X
CYCLOPENTIL ALCOHOL				C				Х	F			
D-FURALDEHYDE	×		C	E			C	G	F	0	C	
DOT IN KEROSENE	×	X	X	X			X	E	C	С	G	E
DECAHYDRONAPHTHALENE	X	E	×	×	E	E	C	X	×	X	×	X
DECALIN	×	E	X	X	E	E	C	X	X	X	×	X
DECYL ALCOHOL	X		X	X	- 3.7			E	X	C	E	G
DECYL ALDEHYDE	X		F	X				X		X	-	×
DECYL BUTYL PHTHALATE	x		E	- A.				×		x		F
DETERGENT, WATER SOLUTION	Ê	G	E	Ε	E	Ε	ε	Ê	С	Ĉ	G	E
DEVELOPING FLUID	E	G	C	0	14	- 2	E	E	E	E	E	E
DEXTRON		-		77			7,0		-7-	-	-//	-
A CONTRACTOR OF THE PROPERTY O	×	×	X	X G	G	G	E	E	C	X	С	E
DI (2ETHYLHEXYL) ADIPATE		1961	1000	177	1,000	250		0.00	- 25	4500	-	-
DI (2ETHYLHEXYL) PHTHALATE	X	X	C	С	E	E	С	Х	X	X	С	G
DI-ISO-BUTYLENE	X	X	X	X	E		C	C	C	X	X	E
DI-ISO-DECYL PHTHALATE	X		E	E				X	X	X		F
DI-ISO-PROPANOLAMINE	G		E	E				G	G	F		
DI-ISO-PROPYL ETHER	X		X	X	E	E	X	G	C	C	G	X
DI-ISO-PROPYL KETONE	X	X	E	E	E		C	X	X	X	X	X
DI-P-MENTHA-1,8-DIENE	×		X	X				C	×	X		E
DIACETONE ALCOHOL	×	X	E	E	E	E	X	X	F	C	X	X
DIACETYLMETHANE		X	E	E			X	X	X	X	F	X
DIAMMONIUM ORTHOPHOSPHATE				E				E	E			
DIAMYL NAPHTHALENE	×		E		E	E				X		
DIAMYLAMINE	G	X	E	E			E	G	C	C	E	X
DIAMYLENE	×		X	X					X	X		E
DIAMYLPHENOL	X		×		E	E		X		X		E
DIBENZYL ETHER	X	X	C	C			С	X	X	X	С	X
DIBROMOBENZENE	X	- 27.7	×	X			171	X	X	X		E
DIBROMOMETHANE	X		×	C			G	X	X	X	C	E
DIBUTYL ETHER	×	X	C	C	Ε	E	X	×	C	X	C	×
DIBUTYL PHTHALATE	×	X	C	C	E	E	Ĉ	x	X	X	C	Ĉ
DIBUTYL SEBACATE	×	X	C	C	E	E	C	×	X	×	X	E
DIBUTYLAMINE	X	x	X	F	c	- 15	C	x	Ĉ	Ĉ	X	X
A District Control of the Control of	Ê	^	E	E				E	E	E	^	E
DICALCIUM PHOSPHATE					-	-				_	· W	
DICHLOROETHYLENE	X		C	C	E	F	С	×	X	X	X	E
DICHLOROACETIC ACID	X	X	C	X	E	E		X	X	X	C	X
DICHLOROBENZENE	X	X	X	X			X	X	×	X	×	E
DICHLOROBUTANE	X	X	X	X			С	С	Х	X	X	E
DICHLORODIFLUOROMETHANE	C	E	С	С	E	G	X	С	C	C	C	G
DICHLOROETHANE	X	×	С	X	E	E	С	×	×	X	X	E
DICHLOROETHYL ETHER	X		×	X			E	Х	X	X		
DICHLOROHEXANE	X	2000	X	X				X	X	X		E
DICHLOROMETHANE	X	X	X	X			C	X	X	X	X	G
DICHLOROPENTANE	X	X	X	X	-	7		X	×	X	×	E
DICHLOROPROPANE	X		Х	X	G	Ġ		F	X	X	C	E
DICHLOROPROPENE	X		X	X	G	G		C	X	X	C.	1
DIESEL OIL	X	X.	X	X	E	E	E	E	C	C	C	E
DIETHANOL AMINE	G	X	E	G			E	C	G	F	C	×
DIETHYLBENZENE	X	X	X	2000			C			x	X	E
DIETHYLETHER	X	X	×	×	E	E	X	х	X	X	C	X
DIETHYLKETONE	x		G	G	E	E	- 65	x	X	x	(40)	x
DIETHYL OXALATE	F		X	X	-	-		X	x	ı x		^
		1	X	F	Ε	E	1	X	X	×	С	F
DIETHYL PHTHALATE	X	1960		2.00	(E	=			2.25			
DIETHYL SEBACATE	×	X	G	F			C	C	X	F	X	G
DIETHYL SULFATE	×	E	C	E		-	C	X	E	X	X	×
DIETHYL AMINE	С	G	С	0	E	E	С	0	С	C	С	X

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Chemical						Com	pound					
or material conveyed	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBB	CR	CSM	AU	FKM
DIETHYLENE GLYCOL	E	E	E	E	E	Ε	E	E	E	E	×	E
DIETHYLENE OXIDE	×	11.77	X	E	177		×	X	X	×	C	×
DIETHYLENETRIAMINE	G	X	E	E			E	G	X	F	1)7/.	X
DIHYDROXY SUCCINIC ACID	E		G	G			E	G	G	E	E	E
DIHYDROXYDIETHYL ETHER	E		E	E	E	E	Ê	E	E	E	×	E
DIISOBUTYL KETONE	×	×	G	E	E	E	C	×	X	X	X	E
		_ ^ _	E	17.	E			×	X	x	^	F
DIISODECYL PHTHALATE	X			E	35.	Æ			30			
DISOOCTYL ADIPATE	X		E	E				×	×	X		F
DIISOOCTYL PHTHALATE	X		E	G	E	E		X	X	X		F
DIMETHYL CARBINOL	E	1000	E	E	E	E	E	C	G	E	X	E
DIMETHYL KETONE	C	F	E	E	E	E	X	X	C	X	С	X
DIMETHYL PHTHALATE	×	X	C	C	E	E	0	X	X	X	×	E
DIMETHYL SULFATE	X		G	X	E	E		X	X	X	G	X
DIMETHYL SULFIDE	X.		F	X				X	X	X	400	10.00
DIMETHYLAMINE	G	X	G	E	E	ε		F	×	X	X	×
DIMETHYLANILINE	×	×	G	E	1.77	- 17	G	×	X	X	×	×
DIMETHYLBENZENE	X	X	x	X			X	X	X	X	C	E
DIMETHYLBUTANE	×	~	X	- A			×	^	Α.	×	G	
Control of the contro	PLEASE TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF	70.		-	-		0.00			400	9979	2522
DIOXANE	X	X	C	C	E	E	X	×	X	X	X	X
DIPENTENE	X	X	X	X			C	С	X	X	X	E
DIPENTYLAMINE	G	X	E	E			E	G	C	C	E	X
DIPROPYLAMINEOLAMINE												
DIPROPYLENE GLYCOL	E		E	E				E	E	E		E
DISODIUM PHOSPHATE	E		E	E				E	E	E	E	E
DIVINYL BENZENE	X	×	×	×				X	X	X	X	E
DOWTHERMN, A AND E	×	X	X	X			C	X	X	C	×	E
DRY CLEANING FLUIDS	X	X	×	X			G	С	X	X	X	E
ETHANOIC ACID	10000	G	-	C	E	E	-	C	C			×
ETHANOL	E	E	E	E	E	E	E	C	E	E	С	E
		1,0770		2.7112	E	E	100	1737		0.000	1000	1000000
ETHANOLAMINE	C	×	C	E			E	С	C	C	C	×
ETHERS	Х	X	X	X	E	E	X	F	X	X	C	X
ETHYL ACETATE	X	X	С	C	E	E	X	X	X	X	C	X
ETHYL ACETOACETATE	C	F	C	C			X	X	X	X	C	X
ETHYL ACETONE	X		G	G				X	X	X		X
ETHYL ACRYLATE	X	X	C	C			C	X	X	X	X	X
ETHYL ALCOHOL	E	E	E	E	E	ε	E	C	8	E	C	E
ETHYL ALDEHYDE	C	21122	E	E	E	E	C	X	X	F	F	X
ETHYL ALUMINIUM DICHLORIDE	X		Х	-				X		X		G
ETHYL BENZENE	X	X	X	X	E	E	F	X	X	X	X	E
A 7 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	ć	55555	×	×	E	E	E	Ĉ	×	×	×	
ETHYL BROMIDE		×			11	- 5	E		^		_ ^	E
ETHYL BUTYL ACETATE	X		E					X		G		×
ETHYL BUTYL ALCOHOL	E		E						10	E		G
ETHYL CELLULOSE	C	G	C	C	E	E	E	C	C	C	C	X
ETHYL CHLORIDE	C	G	E	C	E	E	G	E	X	C	C	E
ETHYL DICHLORIDE	X	X	F	X	E	E	E	X	X	X	X	G
ETHYL ETHER	X	×	X	X	E	E	X	X	X.	X	C	×
ETHYL FORMATE	X	X	C	C			E	X	C	C		E
ETHYL IODIDE	×	100	F	F	E	Ε		X	×	X		G
ETHYL OXALATE	E	x	X	E	17	7	E	×	X	X	E	E
	X	. ^	X	F	E	ε	-	×	×	×	C	F
ETHYL PHTHALATE						.6	-		200	1000	1,72,74	-
ETHYL SILICATE	C	G	E	E			E	E	E	C	X	E
ETHYL-N-BUTYL KETONE	Х	-	G	G		-		X	X	X		X
ETHYL-1-BUTANOL	E		E	E				E	E	E		
ETHYLAMINE	C	X	C	E			E	C	C	F	×	×
ETHYLENE CHLOROHYDRIN	C	G	C	C			E	X	C	С	X	E
ETHYLENE DIAMINE	C	G	E	E	E	E	G	C	E	C	×	X
ETHYLENE DIBROMIDE	×	X	C	C	F	F	G	X	×	X	×	G
ETHYLENE DICHLORIDE	X	×	C	×	F	F	C	×	×	X	×	E
ETHYLENE GLYCOL MONOETHYL ACETATE		35733	1/2/2	- 22	- 45	1	-	-52	- 2	100	- 4	E
	v	×	· ·			-			· ·			
ETHYLENE GLYCOL MONOBUTYL ETHER	X	A	E	E	E	E	G	F	X	0	X	X
ETHYLENE GLYCOL MONOETHYL ETHER	×		С	C	E	E	С	C	X	X	×	×
ETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	C	E
ETHYLENE OXIDE	Х	X	C	C	E	Ε	X	X	X	X	X	X
FAITY ACIDS	X	×	C	X	E	G	E	C	C	C	G	E
FERRIC BROMIDE	E	2000	E				141	E	and the same of	E	J. 100 / 100	E
FERRIC CHLORIDE	E	E	E	E		Е	E	E	C	C	E	E
FERRIC NITRATE	E	E	E	E		E	E	E	E	E	E	E
CALIFORNIA DE LEVATE	-		.60	184.0		,e	.6.		6.	. 6		

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Chemical						Cam	bound					
or material conveyed	NR	SBR	IIB	EPDM	XLPE	UPE	PTFE	NBB	CB	CSM	AU	FKM
FERRIC SULFATE	E	E	E	E		E	E	E	E	E	E	E
FERROUS ACETATE	X		E	G				×	X	E		X
FERROUS CHLORIDE	E		E	E		E	E	E	E	E	E	E
FERROUS SULFATE	E	E	E	E		E	E	E	E	E	E	E
FLUOROBORIC ACID	E	E	C	E	E	3		E	E	E	×	E
FLUORINE	X		X	E	G	G		×	X	X	×	E
FLUOROSILICIC ACID	E	G	E	E	E	E	E	E	E	E	C	E
FORMALDEHYDE	C	G	С	С	E	E	C	С	C	C	C	E
FORMALIN	C	G	C	E	E	E	C	G	G	C	C	E
FORMIC ACID	C	E	E	E	E	E	С	C	C	E	×	C
FREON 113	C	G	X	X			X	E	E	C	C	E
FREON 12	×	E	×	C	F	G	X	С	C	E	E	E
FREON 22	C	E	C	C	F	E	X	X	E	E	X	X
FUEL A	X	100	X	X			F	E	С	C	E	-
FUEL B	×		X	×			X	C	X	X.	C	
FUEL OIL	X	X	×	X	E	E	C	E	C	C	C	E
FURAN	X	X	X	×	E	E	C	X	X	×	Х	X
FURFURAL	×	X	C	C	E	E	C	X	X	C	C	X
FUEL A (ASTM)	×	×	×	×		-	U.	Ē	Ĉ	×		E
FUEL B (ASTM)	×	x	×	X				C	X	×		E
	X	X	X	X	E	E	Е	E	C	C	X	E
FUEL OIL					E		E				/A:	E
FURAN	X	X	X	X	E	E	-	X	X	X		100
FURFURAL	×	X	E	C	E	E	E	×	X	×		X
FURFURAN	X	X	X	X	E	E	С	Х	X	X	X	X
FURFURYL ALCOHOL	X	X	C	C	E	E	G	X	×	X	Х	X
GALLIC ACID	E	G	С	C	E	E	E	С	C	C	X	E
GALLOTANNIC ACID	E		G	E			E		E	E	E	E
GAS, COAL		NAME:									G	
GASOLINE	C	X	C	X.	E	E	C	E	X	C	C	E
GLACIAL ACRYLIC ACID	X		×	X			X	X	X	G	C	
GLUCONIC ACID	X		F	E				C	E	G		
GLUCOSE	E	E	E	E	E	Ε	E	E	C	Ε	E	E
GLYCERINE	E	E	E	E	E	E	E	E	E	E	G	E
GLYCEROL	E	E	E	E	E	E	E	E	E	E	G	E
GLYCOGENIC ACID	X	100	F	E				F	E	G	- Carrier	-
GLYCOLS	E	E	E	E	E	E	E	E	E	E	C	E
GLYCONIC ACID	×		-	E	-	_	_	F	E	G		
GLYCLYL ALCOHOL	- 0			-				- 10	-			
GREASE	X	X	X	X			G	Ε	F	C	(E)	E
GREEN SULPHATE LIQUOR	Ĉ	Ĝ	E	-				C	C	G	E	E
	1.215.72	0.500		E			E	100.1	1750	1000		-
HELIUM	E	E	E	E			E	E	E	E	E	E
HEPTALDEHYDE	X	X	С	С			C	E	С	X	С	
HEPTANAL	×	X	С	C			C	E	С	X	С	
HEPTANE	X	X	X	X		E	С	E	С	С	С	E
HEPTANOIG ACID	×		X	X				E	C	C	E	
HEXADEGANOIC ACID	E	G	G	G	E	E		E	X	X	E	E
HEXALDEHYDE	X	X	C	C	E	E	C	X	C	C	C	X
HEXANE	X	X	Х	X	E	E	С	Ε	C	С	C	E
HEXANOL	E	E	C	C	E	E	E	C	C	C	C	E
HEXENE	X	X	Х	X			×	С	С	C	С	E
HEXYL ALCOHOL	E	E	C	C	E	E	E	С	C	C	C	E
HEXYL METHYL KETONE	×		G	G				х	С	×	×	X
HEXYLAMINE	E		G	G				F	G	F		X
HEXYLENE GLYCOL	E		E	F				С	E	E	×	E
HISTOWAX	X		X							C	E	
HYDRAULIC & MOTOR OIL	X	X	C	С	E	E	E	C	С	C	C	E
HYDRAZINE	Ĉ	G	C	E	-	- 1	E	C	C	C	X	X
HYDROBROMIC ACID	E	X	E	E	E	E	E	X	C	E	×	E
	C		C					0	C		C	
HYDROCHLORIC ACID		X		C	С	С	E			C		E
HYDROCYANIC ACID	С	G	С	E	- 1		E	С	C	Ε	0	E
HYDROFLUORIC ACID	C	×	C	С	E	E	E	С	C	E	C	G
HYDROFLUOSILICIC ACID	E	G	E	E	E	E	E	X	С	E	F	E
HYDROGEN CHILORIDE ANHYDROUS	X	X	E	E			E	X	C	E		E
HYDROGEN DIOXIDE	G	1 41 11	G	G			E	F	F.	C	G	E
HYDROGEN GAS	C	G	E	E	E	E	E	E	E	E	E	E
HYDROGEN PEROXIDE OVER 10%	C	X	C	C	C	F	С	Х	X	С	C	E
HYDROGEN PEROXIDE 10%	G	X	G	G	E	E	E	F	F	C	G	E

Chemical						Com	pound					
or material conveyed	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBR	CR	CSM	AU	FKM
HYDROGEN SULFIDE	×	X	E	E	E	E	E	X	E	G	C	X
HYDROXY BENZENE	C		C	C			E	X	X	C	X	E
HYDROXYISOBUTYRONIRILE	C		E	E		7		С	G	F	X	
HYDROXYTOLUENE	X	X	C	0			E	X	C	C	X	E
IMINODI-2-PROPANOL	G		E	E				G	G	F		
IMINODIETHANOL	C	×	C	G			E	C	G	F	C	X
IODINE	X	G	C	C	E	E	E	Ç	C	C	C	E
IODINE PENTAFLUORIDE	X	X	X	X			X	X	X	X	X	X
IODOFORM	X		×	E			X	E	X	X	C	
ISO-BUTANAL	X	G		G	E	E	X	X	F		X	X
ISO-BUTYLAMINE	F	101.00	E	G	1111			X	X	F.		X
ISO-BUTYLBROMIDE	X		X	X				X	X	X		G
ISO-BUTYLCARBINOL	X		E	E			E	E	E	E	F	E
ISOCYANATES	F		G	G	E	E	F	C	X	F	G	G
ISOOCTANE	X	X	X	X	E	E	F	E	C	C	C	E
ISOPROPYL ACETATE	X	X	C	C	E	E	×	X	X	X	×	×
ISOPROPYL ALCOHOL	E	E	E	E	E	E	E	С	C	E	×	E
ISOPROPYL ETHER	×	X	X	×	E	E	×	G	X	C	G	X
JET FUELS	X	x	×	×	E	E	Ĉ	C	Ĉ	×	C	E
JP-4 OIL	×	×	×	x	.6.		C	E	X	×	C	E
KEROSENE						-	(92		32	C	17000	
KETONES	X	X	X G	X	E	E	C	E.	C	C	E	E
		E.	775	7/4/2	0.7547	E	×	100	72	1955	14990	1,000
LACQUER SOLVENTS	X	0000	X	X	E	ε	×	X	X	X	X	X
LACTIC ACID - COLD	E	G	E	C	G	G	E	C	C	E	C	E
LACTIC ACID - HOT	E	X	E	С	G	G	E	C	C	E	С	E
LARD	X	X	C	C	E	E	E	E	C	C	E	E
LAVENDER OIL	X	X	X	×			E	C	X	X	X	E
LEAD ACETATE	E	X	E	E	E	E	X	C	C	X	C	E
LEAD NITRATE	E	. E	E	E			G	Ε	E	E		E
LEAD SULFATE	E		E	E		E		E	E	E	G	E
LIME	E		E	E	E	E		G	G	G	E	E
LIME BLEACH	C	E:	Ε	E		i \	E	C	C	3	C	E
LIME SULFUR	С	X	E	E	E	E	E	E	E	E	С	E
LIMONENE	×	1000	X	X		1.77	C	C	X	X	X	E
LINOLEIC ACID	X	X	X	X			E	С	С	X	F	G
LINSEED OIL	×	X	С	C	E	Ε	E	E	C	C	E	E
LIQUID PETROLEUM GAS	X	X	X	X	E	E	G	E	G	C	E	E
LUBRICATING OIL	×	x	×	x	E	E	E	C	C	0	C	E
LYE SOLUTIONS		G	É	G	- 5	- 4	12	C	G	E	C	- V-
A-M-1	E				-	-	E		71		1,77	G
MEK	X	×	E	E	E	E	X	X	X	X	X	X
MAGNESIUM ACETATE	X	X	E	G		100		X	X	E	X	×
MAGNESIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
MAGNESIUM HYDRATE	C	G	E	E	E	E	G	C	C	E	С	G
MAGNESIUM HYDROXYDE	C	G	E	E	E	E	G	C	C	E.	C	G
MAGNESIUM SULFATE	C	G	E	E	Ε	E	E	E	Ε	E	G	E
MALEIC ACID	X	X	X	C	E	E	E	X	X	X	C	E
MALEIC ANHYDRIDE	X	X	C	C			E	X	X	X		G
MALIC ACID	E	G	X	C	C	C	E	E	C	C	C	E
MANGANOUS SULFATE	G	1.51	G	E			E	E	E	E	X	
MERCURY	E	E	E	E	E	E	E	E	E	E	E	E
MERCURY VAPORS	G	E	E	E			E	E	G	E		E
MESITYL OXIDE	X	X	F	C			X	X	X	X	X	×
METHALLYL ALCOHOL	E	1000	Ε	E			- //	E	E	E	-670	G
METHALLYL CHLORIDE	X		X					-	X	X	C	
METHANE CARBOXYLIC ACID see Acetic Acid	- 0				E	E				0		
Constitution of Control Contro	100		r	-	1000		0		-	r		
METHANOIC ACID	C	E	E	E	E	E	C	G	E	E	X	C
METHANOL METHANOL	E	E	C	E	E	E	E	C	E	E	C	F
METHOXY ETHANOL	E	544	E	E	E	E		С	E	E	X	0.640
METHYL ACETATE	С	X	С	С			X	X	С	X	X	X
METHYL ACETOACETATE	X	X	C	C	7.777		×	X	×	×	X	
METHYL ACETONE	X	×	E	E	E	E	×	X	X	X	×	
METHYL ALLYL CHLORIDE	X		X						X	×	C	F
METHYL AMYL CARBINOL	G		G	E			C	E	G	E	X	G
METHYL BENZENE	X	X	X	X	F	F	×	×	X	×	×	E
METHYL BROMIDE	×	×	C	x	F	F	G	C	×	×	×	E
METHYL BUTANE	X		Х	X			×	E	X	X	G	
METHYL BUTYL KETONE	X	х	E	E	E	E	X	X	X	X	X	X

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Chemical						Com	pound					
or material conveyed	NB	SBR	IIR.	EPDM	XLPE	UPE	PTFE	NBB	CR	CSM	AU	FKM
METHYL CARBITOL			1.000	G		100000000000000000000000000000000000000	E	F	E			THE PARTY NAMED IN
METHYL CELLOSOLVE	×	X	С	C	E	Ε	E	C	C	С	×	X
METHYL CHLORIDE	×	X	C	C	F	F	X	X	X	X	X	E
METHYL CYANIDE	G		E	E			E	C	Ε	G	X	X
METHYL ETHYL KETONE	×	×	E	E	E	E	×	×	×	X	×	×
METHYL HEXANOL	E		Ε	E				E	E	E		G
METHYL METHACRILATE	X	X	Х	X	E	Æ	.X	X	X	X	X	X
METHYL NORMAL AMYL KETONE	X		2000	E				С	E	X		X
METHYL PROPYL ETHER	×		X	X	_	_		×	X	С	X	
METHYL SALYCILATE	X		C	C	E	E	F.	X	X	X		-
METHYL STYRENE	X		X	×				X	X	X		
METHYL SULFIDE METHYL-ISO-AMYL-KETONE	×		G	×					Α.	X		
METHYL-2-BUTANONE	X	×	C	C			X	X	х	X	X	X
METHYL-2-HEXANONE	x		G				^	^	^	×		- ^
METHYL-2-PENTANOL	Ĝ		E	E				G	G	E		С
METHYL-2-PENTANONE	X		C	0			×	X	×	X	×	
METHYL-4-ISOPROPYL BENZENE	X		X	X			F	X	X	X	X	E
METHYL AMYL ACETATE	×		2653				17	-13	75	X	,500	X
METHYL AMYL ALCOHOL	G		E	E				G	G	E		C
METHYLCYCLOHEXANE	×		X	X				X	X	C		G
METHYLENE BROMIDE	×		х	×	E	Ε	G	C	×	х	С	G
METHYLENE CHLORIDE	×	×	×	C	F	F	C	×	×	X	×	G
METHYLETHYL KETONE	×	×	Ε	E			X	×	X	х	Х	X
METHYL HEXYL KETONE	×		G	G	E			X	C	X	X	×
METHYL ISOBUTYL CARBINOL	G		E	C				×	X	E		C
METHYLISOBUTYL KETONE	×	X	C	C	E	E	X	X	X	X	X	X
METHYLISOPROPYL KETONE	×	X	C	C			X	×	X	X	X	X
METHYLLACTONITRILE	F		E	3				X	G	F	×	
METHYLPROPYL CARBINOL	E		E					E		E		G
METHYLPROPYL KETONE	×		G	G	E	E		X	X	X		X
MiL-A-6091	E		E	E				C	E	E	X	
MIL-C-4339	×		×	X				E	X	X	E	
MIL-C-7024	X		×	X				E	С	X	E	
MIL-E-9500	Ė	E	E	E				E	E	E	X	E
MIL-F-16884	×	X	X	X				E	C	C	С	E
MIL-F-17111	X	×	X	X				E	C	X	C	E
MIL-F-25558	X	X	X	X			E	E	С	С	G	-
MIL-G-10924	X	X	Х	X				E	C	С	G	E
MIL-G-25013	С	X	X	E				E	Ç	C	С	_
MIL-G-25537	X	X	X	X				E	C	C	G	
MIL-G-3545	X	1000	Х	X				E	C	C	E	No.
MIL-G-5572	×	X	×	X				E	X	×	C	E
MIL-G-7711	X	Х	X	X C				E	X	X	E	E
MIL-H-05606 MIL-H-13910	×		1000	1				E	C	0	C	E
MIL-H-13910 MIL-H-19457	E X	E X	G E	E				X	E	G X	×	C
MIL-H-1945/ MIL-H-22251	1	G	E	E				C	C	C	^	0
MIL-H-27601	×	G	X	X				G	C	C	С	X
MIL-H-5606	×		×	C		10	E	E	C	C	C	E
MIL-H-6083	Ĉ	X	X	X			-	E	E	C	G	E
MIL-H-8446	×	x	X	X			E	G	E	C	C	E
MIL-J-5161	×	X	×	X				C	X	X	C	E
MIL-J-5624	×	×	×	x			С	E	x	x	C	E
MIL-L-15016	×	X	X					ومقورا	- 63	c	E	E
MIL-L-17331	X	X	X							G	E	E
MIL-L-2104	×	- 44	X	×				E	C	C	E	
MIL-L-21260	×	×	X	X				E	C	C	E	
MIL-L-23699	×	X	X	X			E	С	C	C	С	
MIL-L-25681	С	G	E	E				C	С	С	С	
MIL-L-3150	×	×	X	×				E	C	C	С	E
MIL-L-4343		×	1470	1					100			E
MIL-L-6082		X										E
MIL-L-6085	×	×	×	×				С	×	X	C	E
MIL-L-7808	×	×	X	X			E	G	×	X	X	E
MIL-L-7870	X	X	X	X				E	C	X	C	E
MIL-L-9000	×	X	×	X				E	C	C	C	E

Chemical						Com	pound					
or material conveyed	NB	SBR	IIB	EPDM	XLPE	UPE	PTFE	NBB	CR	CSM	AU	FKM
MIL-L-9236	X	X	х	×				С	X	X	X	E
MIL-P-27402		G	Ε	E				0	C	C		
MIL-R-25576	X		X	1.00			E			С	E	
MIL-S-3136 TYPE 1 FUEL	×	X	X	X				E	C	C	G	E
MIL-S-3136 TYPE 2 FUEL	×	X	×	X				C	×	X	C	E
MIL-S-3136 TYPE 3 FUEL	×	×	×	X				G	X	X	C	E
MIL-S-3136 TYPE 4 OIL, LOWSWELL	X	X	X	X				E	X	C	E	E
MIL-S-3136 TYPE 5 OIL, MEDSWELL	×	×	X	×				E	G	G	E	E
MIL-S-3136 TYPE 6 OIL, HI SWELL	X	X	X	X			E	E	X	C	E	E
MIL-S-81087	E	E	E	E	717	241	42	E	E	E	E	
MINERAL OIL	X	X	C	X	E	E	E	E	С	C	E	E
MINERAL SPIRITS	×	X	X	X				C	C	G	C	E
MOBILE HF A	X	X	X	X			E	E	С	X	G	E
MOLTEN SULFUR	G		G	E		100		G	E	É	G	E
MONO-CHLOROACETIC ACID	C	X	G	G	E	Ε	×	X	C	G	X	C
MONOBUTYL ETHER	×	X	C	C				G	C	C	C	×
MONOCHLOROBENZENE	X	X	X	X	F	F	C	X	X	X	X	E
MONOCHLORODIFLUOROMETHANE	C	E	C	C	Ε	E	X	×	C	E	X	C
MONOETHANOL AMINE	C	G	C	С			E	G	G	С	С	X
MONOETHYL AMINE	C	F	C	E	-		E	C	С	F	X	×
MORPHOLINE	X		C	C				X	X	Х	С	
MOTOR OIL, 40W	X		X	X				E	C	C	G	E
MTBE			G				G	X	X			
MURIATIC ACID	0	X	C	F				C	C	C	C	E
N-BUTANAL	X	X	С	C	E	E	X	X	X	×	С	X
N-BUTYLAMINE	×	X	C	C			C	C	×	X	×	X
N-BUTYLBENZENE	X		×	X				X	X	X		E
N-BUTYLBROMIDE	X		X	X				X	X	X		G
N-BUTYLBUTYRATE	×	X	E	E			E	×	×	X		E
N-BUTYLCARBINOL	E		E	E	E	E	E	E	E	E	×	G
N-NONYL ALCOHOL	E		E	E				E	E	E		G
N-OCTANE	X	X	X	X	E	E	C	C	G	X	X	E
NAPHTHA	×	X	X	X	E	E	E	С	X	C	F.	E
NAPHTHALENE	X	X	X	X	E	E	F	X	X	X	C	E
NAPHTHENIC ACID	X	X	X	X			Ε	С	X	X		E
NATURAL GAS	C	F	X	X	E	E	E	E	E	E	F	E
NEOHEXANE	X		х	X				E	G	X	Х	E
NEON GAS	E	E	E	E			Ε	E	E	E	E	E
NEU-TRI	X		×					X		X		E
NICKEL ACETATE	E	×	E	E			×	C	G	×	×	×
NICKEL CHLORIDE	E	E	E	E	E	E	E	E	С	E	С	E
NICKEL NITRATE	⊕E		E	E	E	E	-	E	E	E	C	E
NICKEL SULFATE	C	G	E	E	E	E	E	E	E	E	E	E
NITRIC ACID, CONC	×	1,111	×	X		177	C	X	X	×	×	
NITRIC ACID, RED FUMING	X	X	×	X	Х	×	F	×	X	X	×	E
NITRIC ACID, 10%	×	×	E	E	E	E	E	X	G	E	X	E
NITRIC ACID, 13N	×	1,550		199.0	-		C	X	X	-	×	
NITRIC ACID, 13N +5%	×						C	×	×		X	
NITRIC ACID, 20%	X	X	G	E	E	Ε	E	×	×	E	×	E
NITRIC ACID, 30%	×	×	F	F	G	G	E	×	X	E	X	E
NITRIC ACID, 30% - 70%	×	X	F	×	F	F	G	×	×	C	×	E
NITRILOTRIETHANOL	0	G	E	E	E	E	E	F	C	C	X	×
NITROBENZENE	×	X	F	C	E	E	E	×	X	X	X	G
NITROETHANE	G	G	G	C	-		C	×	C	G	×	X
NITROGEN	E	E	E	E	Ε	Ē	E	Ê	E	E	Ē	E
NITROMETHANE	G	C	G	C		-	C	X	C	C	X	X
NITROUS OXIDE GAS	G		· u	E			F	E	G	.0		E
NONANOIC ACID	×		E	-	E	Ε	- 61	E	G	X		0.60
NONANOL NONANOL	E		E	E	-	-		E	E	Ê		
OCTANOIC ACID	F		F	E			G	F	-	G		
		-	250					100		70.0		-
OCTANOL OCTANE	C	E	C	C	-		E	C	C	C	X	E
OCTYL ACETATE	C	X	E	G	E	E	-	C	C	E	X	
OCTYL ALCOHOL	C	E	C	C	-	-	E	С	С	C	X	G
OCTYL ALDEHYDE	×		F	-	E	Ε		×		X		×
OCTYL AMINE	F		E	G				F	G	F		×
OCTYL CARBINOL	3E		E	E				E	E	E		G
OCTYLENE GLYCOL	E		E	E				E	E	E		E

Chemical						Com	pound					
or material conveyed	NR	SBR	IIB:	EPDM	XLPE	UPE	PTFE	NBB	CB	CSM	AU	FKM
POTASSIUM PERMANGANATE, 5%	E	G	E	E	E	E	E	F	E	G	×	E
POTASSIUM SILICATE	E	E	E	E				E	E	E	E	E
POTASSIUM SULFATE	C	G	E	E	E	Ε	8	E	E	E	E	E
POTASSIUM SULFIDE	G	G	E	E		100		C	E	E	C	E
POTASSIUM SULFITE	C	G	E	E	E	Ε		E	E	C	E	E
PRESTONE ANTIFREEZE	E	E	E	E			G	E	E	E	×	E
PRODUCER GAS	X	X	X	X			E	E	G	С	E	E
PROPANE	×	X	×	X	E	E	E	E	E	C	G	E
PROPANEDIOL.	E	E	E	E	E	E	E	E	G	E	G	E
PROPANETRIOL.	E	E	E	E	E	E	E	E	E	E	C	E
PROPANOL	E	E	E	E	E	Ε	E	E	E	E	X	E
PROPANOLAMINE					1/2						1,547	
PROPANONE	С	G	E	E	E	E	×	×	×	С	×	×
PROPENOL	E		E	100			- 17			E		E
PROPANEDIAMINE	G		E					G		F		
PROPENE NITRILE	G		X		E	E		×	×			
PROPENYL ALCOHOL	E		E	E	E	E		E	E	E		E
PROPENYL ANISOLE	×		X	-	E	Ε		X		X		G
PROPIONIC ACID	Ē	X	E	E		-	E	Ĉ	C	G	X	X
PROPIONITRILE	E	, A.S.	E	G			E	E	C	. M.	- "	x
PROPYL ACETATE	X	x	C	C	E	E	X	X	X	×	х	×
PROPYL ALCOHOL	Ê	E	E	E	E	E	Ê	Ē	E	Ē	×	Ē
PROPYL ALDEHYDE	F	-	G	G	-	-	-	X	X	X	0.000	X
PROPYL BENZENE	×		X					^	X	x	С	
PROPYL CHLORIDE	×		F	F				x	F	×		G
PROPYL NITRATE	x	×	C	C			F	X	X	×	X	X
	0.000	10/17	14,250	950			271	0.00	- 200	1000	1990	7.10
PROPYLENE	×	X	X	X			E	X	X	X	X	E
PROPYLENE DIAMINE	G		E	122	- 12	- 2		G	-	F		
PROPYLENE GLYCOL	E	E	E	E	E	Ε	E	E	E	E	G	E
PYDRAUL, 'E' SERIES	×	X	C	C			E	×	X	X	X	×
PYDRAULIC 'C'	X	X	X	X			E	X	X	X	X	E
RED OIL	X	X	X	F	E	E	E	E	F	C	С	E
REFRIGERANT 11	X	X	×		E	E	X			E	×	C
REFRIGERANT 12	×	E	Х		E	E	X			E	E	G
REFRIGERANT 22	С	E	X		E	E	X			E	Х	C
RESORCINOL	E	G	E	G			E	C	A	G	×	E
SAE NO. 10 OIL	×	X	×	X			Ε	E	C	X	E	E
SAL AMMONIAC	E	E	E	E	E	E	E	E	E	E	G	E
SEA WATER	E	E	E	E	E	E	E	E	E	E	G	E
SEWAGE	G	G	G	G	E	Ε	E	E	C	E	X	E
SILICATE ESTERS	×	C	X	X			E	G	E	G	E	E
SILICATE OF SODA	E	E	E	E			E	E	E	E	G	E
SILICONE GREASE	E	E	E	E	E	E	E	E	E	E	E	E
SILICONE OIL	E	E	E	E	E	E	E	E	E	E	E	E
SILVER NITRATE	E	G	E	E	E	E	E	C	E	E	E	E
SKYDROL 500 TYPE 2	X	X	G	E	7.1		X	X	X	X	X	G
SKYDROL 500B	X	X	G	E			X	X	X	X	X	G
SKYDROL 500C	X	X	G	E			X	X	X	X	X	G
SKYDROL 7000 TYPE 2	E	X	E	E			Ε	Х	X	X	X	F
SOAP SOLUTIONS	F	X	E	E	E	E	E	E	G	E	G	E
SODA ASH	E	X	E	E	E	E	E	E	E	E	G	E
SODA LIME	E		E	E			G	G	G	G	F	G
SODA NITER	G	G	E	E	Ε	Ε	E	E	G	E	E	E
SODIUM ACETATE	F	X	F	E	E	Ε	С	G	С	G	C	X
SODIUM ALUMINATE	E	G	E	E	100		E	E	E	E	X	E
SODIUM BICARBONATE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM BISULFATE	E	G	E	E	E	E	E	E	E	E	E	E
SODIUM BISULFITE	E	G	E	E	E	E	E	E	E	E	G	E
SODIUM BORATE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CARBONATE	E	E	E	E	E	E	E	E	E	Ε.	C	E
SODIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CYANIDE	E	E	E	E	E	E	E	E	E	E	E	E
					E	E			F	10.07		
SODIUM DICHROMATE	X	G	E	E	-	-	E	E		G	G	E
SODIUM HYDRATE	E	G	E	E	E	E	E	X	G	C	C	G
SODIUM HYDROCHLORITE	F	G	G	G	122	122	E	F	F	E	C	E
SODIUM HYDROXIDE	E	G	E	E	E	E	E	×	G	C	G	G
SODIUM HYPOCHLORITE	X	F	C	E	E	E	E	C	C	G	X	E

Chemical						Com	pound					
or material conveyed	NR	SBA	IIR	EPDM	XLPE	UPE	PIFE	NBR	CR	CSM	AU	EKN
POTASSIUM PERMANGANATE, 5%	E	G	E	E	E	E	E	F	E	G	X	E
POTASSIUM SILICATE	E	E	E	E				E	E	E	E	E
POTASSIUM SULFATE	С	G	E	E	E	E	E	E	E	E	E	E
POTASSIUM SULFIDE	G	G	E	E				0	E	E	C	E
POTASSIUM SULFITE	C	G	E	E	E	E		E	E	C	E	E
PRESTONE ANTIFREEZE	E	E	E	E	17	1	G	E	E	E	X	E
PRODUCER GAS	X	×	X	X			E	Ε	G	C	Ε	E
PROPANE	×	X	X	X	E	E	E	E	E	C	G	E
PROPANEDIOL	E	E	E	E	E	E	E	E	G	E	G	E
PROPANETRIOL	E	E	E	E	E	E	E	6	E	E	0	E
		200	1000	1,12	/17		77	755			10,000	
PROPANOL	E	E	E	E	E	E	E	E	E	E	X	E
PROPANOLAMINE									147	1.44	2440	200
PROPANONE	С	G	E	E	Ε	E	X	X	X	C	X	X
PROPENOL	E		E							E		E
PROPANEDIAMINE	G		E					G		F		
PROPENE NITRILE	G		×		E	E		×	×			
PROPENYL ALCOHOL	E		E	E	E	E		E	E	E		E
PROPENYL ANISOLE	X		×		E	E		X		X		G
PROPIONIC ACID	E	X	E	E			E	C	C	G	×	X
PROPIONITRILE	E	1,555	E	C			E	E	C			X
PROPYL ACETATE	X	×	С	C	E	E	×	×	X	×	×	X
PROPYL ALCOHOL	E	E	E	E	E	E	E	E	E	E	X	E
PROPYL ALDEHYDE	F		G	G		- 5	-	X	X	X	3637	X
PROPYL BENZENE	X		X	3				- 0	×	×	С	- ^
PROPYL BENZENE PROPYL CHLORIDE	X		F	17		-		- 0	F.	047/7		-
	25017.5		17.	F				×		X		G
PROPYL NITRATE	X	X	С	C			F	X	X	X	X	X
PROPYLENE	X	X	X	X			E	X	X	X	Х	E
PROPYLENE DIAMINE	G		E		2.0	447		G		F		
PROPYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	G	E
PYDRAUL, 'E' SERIES	×	X	C	C			E	×	X	X	×	X
PYDRAULIC 'C'	×	X	X	X			E	X	X	X	X	E
RED OIL	X	X	×	F	E	E	E	E	E	C	C	E
REFRIGERANT 11	×	X	×	1.75	E	E	X			E	X	C
REFRIGERANT 12	X	E	х		E	E	×			E	E	G
REFRIGERANT 22	C	E	×		E	E	×	- 1		E	X	C
RESORCINOL	E	G	E	G	194		E	0	A	G	×	E
SAE NO. 10 OIL	X	X	X	X			E	E	C	X	E	E
		É	1000			-			77.			100
SAL AMMONIAC	E	1000	E	E	E	E	E	E	E	E	G	E
SEA WATER	E	E	E	E	E	E	E	E	E	E	G	E
SEWAGE	G	G	G	G	E	E	E	E	C	E	X	E
SILICATE ESTERS	×	C	X	X			E	G	E	G	E	E
SILICATE OF SODA	E	E	E	E			E	E	E	E	G	E
SILICONE GREASE	E	E	E	E	E	E	E	E	E	E	E	E
SILICONE OIL	E	E	E	E	E	E	E	E	E	E	E	E
SILVER NITRATE	E	G	E	E	E	E	E	C	E	E	Ε	E
SKYDROL 500 TYPE 2	X	X	G	E			X	X	×	X	X	G
SKYDROL 500B	X	X	G	E			X	X	×	X	×	G
SKYDROL 500C	x	×	G	E			x	x	X	X	x	G
SKYDROL 7000 TYPE 2	E	x	E	E			E	x	×	×	X	F
	F	X	E		-	-		E	G	E	1.54.154.1	E
SOAP SOLUTIONS		10/11	7,000	E	E	E	E				G	
SODA ASH	E	X	E	E	E	E	E	E	E	E	G	E
SODA LIME	E	1000	E	E		100	G	G	G	G	F	G
SODA NITER	G	G	E	E	E	E	E	E	G	E	E	E
SODIUM ACETATE	F	X	F	E	E	E	C	G	C	G	C	X
SODIUM ALUMINATE	E	G	E	E			E	E	E	E	X	E
SODIUM BICARBONATE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM BISULFATE	E	G	E	E	E	E	E	E	E	E	E	E
SODIUM BISULFITE	E	G	E	E	E	E	E	8	E	E	G	E
SODIUM BORATE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CARBONATE	E	E	E	E	E	E	E	E	É	E	C	E
		G547	1450	-			1	- 0-		7522	1,000	1
SODIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CYANIDE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM DICHROMATE	X	G	E	E			E	E	F	G	G	E
SODIUM HYDRATE	E	G	E	E	E	E	E	×	G	C	C	G
SODIUM HYDROCHLORITE	F	G	G	G			E	F	F	E	C	E
SODIUM HYDROXIDE	E	G	E	E	E	E	E	X	G	C	C	G
SODIUM HYPOCHLORITE	X	F	C	E	Ε	E	E	С	C	G	X	E

Chemical or material conveyed SODIUM METAPHOSPHATE	Compound											
	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBR	CR	CSM	AU	EKA
	E	E	G	E	E	E	E	E	E	C	C	E
SODIUM NITRATE	G	G	E	E	E	E	С	С	G	E	E	E
SODIUM PERBORATE	G	G	E	E	- 11		E	С	G	E	G	E
SODIUM PEROXIDE	C	G	E	E	E	E	E	C	G	G	X	E
SODIUM PHOSPHATE	E	E	E	E	E	E	E	E	G	E	E	E
SODIUM SILICATE	E	E	E	E	Ε	E	E	E	E	E	G	E
SODIUM SULFATE	C	G	E	E	E	E	E	E	Е	E	E	E
SODIUM SULFIDE	G	G	E	E	E	E	E	E	E	E	E	E
SODIUM SULFITE	G	G	E	E	E	E	E	E	E	E	E	E
SODIUM THIOSULFATE	G		E	E	Ε	E	E	С	E	E	Ε	-
SOYBEAN OIL	X	X	G	C			E	Ε	E	G	C	E
STANNIC CHLORIDE	E	E	E	E	E	E	E	E	G	E	E	E
STANNIC SULFIDE	E		E	E				E	E	E		
STANNOUS CHLORIDE	Ε.	E	E	G	Æ	E	Ε	Е	E	E	G	E
STANNOUS SULFIDE	E		E	E		2.5		E	E.	E	10.221	
STEAM, BELOW 350 DEG F	С	X	G	E	Х	X	E	Х	×	C	×	C
STEARIC ACID	С	G	С	G	E	E	E	G	G	G	E	E
STODDARD SOLVENT	×	X	X	X	E	E	G	E	G	X	E	E
STYRENE	×	×	×	×	F	F	×	×	X	×	X	E
SULFAMIC ACID	G		E	E	- 1			С	G	E	X	E
SULFUR	X	Х	E	E	E	E	E	X	E	E	X	E
SULFUR CHLORIDE	X	X	X	E			E	С	E	27529	C	E
SULFUR DIOXIDE	C	G	С	E		G	G	X	C	C	C	E
SULFUR TRIOXIDE, DRY	С	X	G	E	X	X	G	X	X	X	X	E
SULFURIC ACID, CONC.	×	×	X	×	F	F	E	X	X	×	X	E
SULFURIC ACID, FUMING	×	X	X	X	X	X	E	X	Х	X	X	E
SULFURIC ACID, 25%	E	F	G	E	E	E	E	C	C	E	X	E
SULFURIC ACID, 25%-50%	G	F	G	E	E	E	E	С	X	G	X	E
SULFURIC ACID, 50%-96%	×	×	×	X	G	G	E	×	X	×	X	E
SULFUROUS ACID, 10%	G	G	E	E	E	E	E	E	C	E	X	E
SULFURIOUS ACID, 10%-75%	G	G	E	E	E	E	E	F	C	E	X	E
T-BUTYL AMINE	×		С	C			G	C	X	X	X	
TALL OIL	X	×	X	X			E	E	C	F	E	E
TALLOW	X	X	X	E	E	E	E	E	G	F	E	E
TANNIC ACID	E	G	E	E	E	E	E	E	E	E	E	E
TAR	X	X	X	X	X	F	E	X	X		G	E
TAR BITUMINOUS	×	X	×	X			E	G	C	X	G	E
TARTARIC ACID	8	G	G	G	E	E	E	E	E	E	Ε	E
TELLONE 2	C											
TERTIARY BUTYL ALCOHOL	C	G	C	C			E	C	C	C	X	E
TERPINEOL	×	X	C				E			X	C	E
TERTIARY BUTYL AMINE	X		C	C			G	C	X	X	×	
TERTIARY BUTYL MERCAPTAN	×	X	×	X.			E	×	X	X	×	E
TETRACHLOROBENZENE	X		X	X				×	×	×		G
TETRACHLOROETHANE	×	X	X	X	E	F	X	X	X	X	X	E
TETRACHLOROETHYLENE	×	X	X	X	F	F	X	С	X	X	X	E
TETRACHLOROMETHANE	X		×	X	E	E	E	×	X	×	F	E
TETRACHLORONAPHTHALENE	X		X	X	E	E		X	X	X		G
TETRAETHYLENE GLYCOL	E		E	E	- 11			E	E	E		E
TETRAETHYLORTHOSILICATE	X		E	E				E	E			
TETRAHYDROFURAN	X	×	C	X			×	×	X	×	×	X
TIN CHLORIDE	E		E	E	E	E	Ε	E	С	C	G	E
TITANIUM TETRACHLORIDE	×	×	X	X			G	C	C	×	×	E
TOLUENE	X	X	X	X	E	E	X	x	X	×	×	E
TOLUIDINE	X		Х	X	E	F		C	×	X	C	G
TOLUOL	×	x	X	×	E	E	X	×	X	X	х	E
TRANSFORMER OIL	X	X.	X	×	8	E	E	C	C	C	C	E
TRANSMISSION 'A' OIL	×		X	×			E	E	С	C	E	
TRI-AMINE	C		E	E			E	G	C	C	×	
TRIBUTYL PHOSPHATE	C	X	G	G			G	F		X	×	×
TRIBUTYLAMINE	G	3.00	E	1000				G		F		
TRICHLOROACETIC ACID	C	X	C	C			F	C	С	×	x	×
TRICHLOROBENZENE	X	X	X	X	F	F	C	0	X	×	C	G
TRICHLOROETHANE	X	X	X	X			X	X	X	X	X	E
TRICHLOROETHYLENE	x	×	x	×	F	F	x	×	X	×	×	E
TRICHLOROMETHANE	x	X	X	x	F	F	×	x	X	X	X	E
TRICHLOROTOLUENE	×	0,840	100	Ē		40	Ē	×	X	×		-

**Blank** = No data  $\mathbf{E} = \text{Excellent}$   $\mathbf{G} = \text{Good}$   $\mathbf{F} = \text{Fair}$   $\mathbf{C} = \text{Conditional}$   $\mathbf{X} = \text{Unsatisfactory}$ 

Chemical or material conveyed TRICRESYL PHOSPHATE	Compound											
	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBR	CA	CSM	AU	EKM
	×	X	E	E			E	X	×	X	×	E
TRIETHANOLAMINE	C	G	E	E	E	E	E	С	0	C	×	×
TRIETHYLAMINE	G	X	G	E	1.0	370	E	E	G	E	X	E
TRIETHYLENE GLYCOL	E		E	E	E	E		С	E	E	×	E
TRIHYDROXYBENZOIC ACID	E		C	C			E	C	C	G	X	1000
TRIMETHYL PENTANE	X	X	X	X			E	E	G	C	G	E
MERCHANIST MANAGEMENT STREET, AND THE STREET,		^		-			-		.90			-
TRIMETHYLAMINE	E	1/4-	E	0	-	gai.	gir.	С	E	E	X	100
TRISODIUM PHOSPHATE	E	E	E	E	E	E	E	E	E	E	E	E
TRITOYL PHOSPHATE	×	X	E	E			E	X	С	С	С	E
TUNG OIL	X	X	С	X	E	E	E	E	C	C	F	E
TUNG OIL	X	X	C	X	E	E	E	E	C	C	F	E
TURPENTINE	×	X	X	X	E	E	E	E	X	X	G	E
UNSYMETRICAL DIMETHYL HYDRAZINE	E	X	E	E			F	C	C	E	X	X
UNDECYL ALCOHOL	E	1000	E	E			-	E	E	E .		G
UREA	E		E	E	E	E	F.	G	G	E	G	E
URIC ACID	E		E	E			72	C	E	E	X	1.7
VARNISH	X	×	X	X	E	Ε	С	G	X	X	G	E
								- 77				
VEGETABLE OILS	X	X	C	F	E	E	E	E	C	G	E	E
VERSILUBE F44	E	E	E	E			E	E	E	E	E	E
VERSILUBE F55	E	E	E	X	111	- 64	E	E	E	E	E	E
VINEGAR	G	G	E	E	. E	E	E	G	G	E	С	E
VINEGAR ACID	G		E		E	E	E			E	C	
VINYL ACETATE	X	×	E	G	E	E	X	С	С	F	X	E
VINYL BENZENE	X	X	X	X	F	F	×	C	×	X	C	G
VINYL CHLORIDE	x	- Av.	x	Ĉ	E	E	Ê	×	X	×	C	E
		tr.	0.4 4.1	1,35		2.17		100	77.57	- 255		1200
VINYL CYANIDE	G	F	X	X	E	E	G	×	X	G	X	X
VINYL ETHER	X		Х				X	G		G		X
VINYL STYRENE												
VINYL TOLUENE	X		X	X				X	×	X		E
VINYL TRICHLORIDE	×		X	X			X	X	X	×	×	E
VM & NAPHTHA	X	X	х	X			100	G	F	X	11201	E
WATER	E	C	E	E	E	E	E	E	G	E	E	E
010.00 TM 01.00 com a super-			E	100000	-6		100	-	14,000	E		- 10
WATER, BOILING	E		E	E	-	-	E	G	G		Ε	_
WATER, SODA					E	E						-
WEMCO C	X	X	X	X	91		E	E	C	X	E	E
WHISKEY	E	E	E	8	E	E	E	E	E	E	X	E
WHITE OIL	X	X	X	X	E	ε	E	E	G	C	E	E
WHITE PINE OIL	X	X	X	X	- Initial		E	C	X	X		E
WINES	E	E	E	E	E	E	E	E	E	E	X	E
WOOD ALCOHOL	E	Ē	C	E	E	E	Ē	C	Ē	E	G	E
									- 17	C		_
WOOD OIL	X	X	С	X	E	E	E	E	С		С	E
XENON	E	E	E	E			E	E	E	E	E	E
XYLENE, XYLON	X	X	X	X	F	F	×	×	X	X	×	E
XYLIDINE	X	X	G	G			G	C	×	X	X	X
ZEOLITES	E	E	E	E			E	E	Ε	E	Ε	E
ZINC ACETATE	E	X	E	E			F	G	0	-	X	C
ZINC CARBONATE	E		E	E				E	E	E	E	E
ZINC CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
ZINC CHROMATE	E	-	E		-	-	-	C	E	G		-
		100		E	122	-	- 1				X	1
ZING SULFATE	E	G	E	E	E	E	E	E	E	E	X	E
O-AMINOTOLUENE	×		С	C			C	X	X	X	×	
1 UNDECANOL	E	E	E	E	E	G		E	E	E		G
1-AMINO-2-PROPANOL	G		E	E				С	E	F		×
1-AMINOBUTANE	×	×	C	C			G	С	×	X	X	X
1-AMINOPENTANE	F	- 0.00	G	X			172	F	C	F		X
1-BROMO-2-METHYL PROPANE	X		X	×				X	X	X		G
										-		
1-BROMO-3-METHYL BUTANE	×		Х	X				X	X	X		G
1-BROMOBUTANE	×		Х	X				×	X	X		
1-CHILORO-2-METHYL PROPANE	X		X	X				X	X	X		G
1-CHLORO-3-METHYL BUTANE	×		×	X			X	×	X	X	×	E
1-DECANOL	X		×	X	E	E		E	X	С	E	G
1-HENDEGANOL	E		E	E				E	E	E		
1.4-DIOXANE	X		C	C	Ε		×	X	X	X	Х	
					.00		Α.	٨	Α.			
2(2AMINOETHYLAMINO) ETHANOL	G		E					-22		G		-
2(2ETHOXYETHOXY) ETHANOL	C	G	C	C			E	C	C	C	X	G
2(2ETHOXYETHOXY) ETHYL ACETATE	X	X	G	X			E	X	X	G	X	G
2-AMINOETHANOL	C	F	C	E			E	C	C	C	X	X

Chemical or material conveyed	Compound											
	NR	SBR	IIR	EPDM	XLPE	UPE	PTFE	NBR	CR	CSM	AU	FKM
2-CHLORO-1-HYDROXY-BENZENE	×		X	×			E	X	×	X	X	
2-CHLOROPHENOL	X	X	X	X			E	X	X	X	X	G
2-CHLOROPROPANE	X	X	X	X			X	X	X	X	X	E
2-ETHOXYETHANOL	X	X	C	С	E	E	C	C	×	X	×	X
2-ETHOXYETHYL ACETATE	C		C	G	E	Ε	C	X	X	X	C	
2-ETHYL	X		G					X		X		X
2-ETHYL-1-HEXANOL	G	G	C	0	E	E	E	С	C	C	X	G
2-ETHYLHEXANOIC ACID	F		F					F		G		
2-ETHYLHEXYL ACETATE	X		E		C	C		X		G		
2-OCTANONE	X		G	G				X	C		X	X
3-BROMOPROPENE	X		X	X				X	X	X		G
3-CHLOROPROPENE	X	E	C	X	E	G	G	C	X	X		E
3-COAL OIL	X		×	X			E	E	G	F	F	
4-HYDROXY-4-METHYL-2-PENTANONE	X	X	E	E	E	Ε	X	X	E	C	×	X