

Suitability Explanation:

- A ... suitable ⇒ for full and empty hose systems
- B ... limited suitable ⇒ eg. only for empty hose systems or short-term operation
- C ... not suitable ⇒ hose material will be weakened or destroyed
- ... please contact Semperit

*) mass percentage, technically pure

Designation of the medium	CASNr	Concentration*	TM1, TM2, Flexioil, Resist M	Resist E, Flexichem EPDM/EPDO	Resist B	Resist C	Resist UPEL P, Flexichem, Resist XLPE	Resist P
		Concentration*	yellow or blue	lilac	lilac	green	blue/white	blue/white/red
		Concentration*	inner liner compound	EPDM	IIR	CSM	PE-X / UPE	FEP
Acetaldehyde	75070		C	A	A	C	A	A
Acetamide	60355		C	A	A	C	A	A
Acetoacetic acid ethyl ester	141979		C	B	B	C	-	A
Acetoacetic acid methyl ester	105453		C	B	B	C	-	A
Acetone	67641		C	A	A	C	A	A
Acetonitrile	75058		C	A	A	B	A	A
Acetophenone	98862		C	A	A	C	A	A
Acetyl acetone	123546		C	A	A	C	-	A
Acetyl chloride	75365		C	C	C	C	C	A
Acetylene tetrachloride see Tetrachlorethane								
Acroleine	107028		C	A	A	A	-	A
Acrylonitrile	107131		C	C	C	C	A	A
Acrylic acid	79107		C	C	C	A	-	A
Acrylic acid ethyl ester see Ethyl acrylate								
Acrylic acid methyl ester	96333		C	C	-	C	A	-
Adipic acid	124049		A	A	C	A	A	A
Adipic diethyl ester	141286		C	A	A	C	-	A
Alum, aqueous			A	A	A	A	A	A
Alkyl benzene			C	C	C	C	B	A
Allyl alcohol	107186		A	A	A	A	A	A
Aluminium chlorate, aqueous	15 477335		A	A	A	A	A	A
Aluminium nitrate, aqueous	13 473900		A	A	A	A	A	A
Aluminium sulfate, aqueous	10 043013		A	A	A	A	A	A
Formic acid	64186	10 %	C	A	A	A	A	A
Formic acid	64186	100 %	C	A	A	A	A	A
Amines, aromatic			C	C	C	C	-	A
Aminopropanol-2	78966		C	A	A	C	A	A
Ammonia, gaseous or liquid	7664417		-	-	-	-	-	-
Ammonium acetate, aqueous	631618		A	A	A	A	A	A
Ammonium bromide, aqueous	12 124979		-	A	A	A	A	A
Ammonium chloride, aqueous	12 125029		A	A	A	A	A	A
Ammonium diphosphate, aqueous	13 765350		-	A	A	A	A	A
Ammonium hydroxide, solution of	1336216		-	-	-	-	-	-
Ammonium nitrate, aqueous	6484522		A	A	A	A	A	A
Ammonium persulfate, aqueous	7727540		-	A	A	A	A	A
Ammonium phosphate, aqueous	10 361656		A	A	A	A	A	A
Ammonium sulfate, aqueous	7783202		A	A	A	A	A	A
Ammonium sulfide, aqueous	12 135761		A	A	A	A	A	A
Amyl acetate	628637		C	A	C	C	A	A
Amyl alcohol	71410		A	A	A	A	A	A
Amyl chloride tert.-	594365		C	C	C	C	B	A
Aniline	62533		C	B	B	C	A	A
Aniline hydrochloride	142041		C	B	B	C	A	A
Anol see Cyclohexanol								
Anon see Cyclohexanone								
Malic acid, aqueous	6915157		A	C	C	A	A	A
Arcton 12 see Dichloro difluoromethane								
Arcton 22 see Chloro difluoromethane								
Barium chloride, aqueous	10 361372		A	A	A	A	A	A
Benzalchloride see Benzylidene chloride								
Benzaldehyde	100527		C	A	B	C	A	A
Gasoline (RON 91, RON 95 and RON 98 - EN 228)			A	C	C	C	-	A
Gasoline - ethanol fuel mixtures (E10, E85,...)			-	C	C	C	-	A
Benzoic acid ethyl ester	93890		C	C	C	C	-	A
Benzoic acid methyl ester	93583		C	C	C	C	-	A
Benzene	71432		C	C	C	C	B	A
Benzyl alcohol	100516		C	A	B	B	A	A
Benzyl chloride	100447		C	C	C	C	B	A
Benzylidene chloride	98873		C	C	C	C	C	A
Biodiesel (RME)			-	C	C	-	-	A
Bleaching powder see Sodium hypochlorite								
Prussic acid (Hydrogen cyanide)	74908		B	A	A	A	A	A
Lead(II)acetate, aqueous	301042		A	A	A	C	A	A
Bleaching, solution of (see Sodium hypochlorite, solution of)								
Borax, aqueous	1303964		A	A	A	A	A	A
Boric acid, aqueous	10 043353		A	A	A	A	A	A
Bromine	7726956		C	C	C	C	C	A
Bromobenzene	108861		C	C	C	C	C	A
Hydrobromic acid	10 035106		C	A	A	A	A	A
Butanediol(1,3), aqueous	107880		A	A	A	A	A	A
Butanediol(1,4)	110634		A	A	A	A	A	A
Butanol	71363		A	A	A	A	A	A
Butanon(2) see Ethyl methyl ketone								
Butyne(2)-diol(1,4)	110656		A	A	A	A	A	A
Butyric acid	107926		C	B	C	C	A	A
Butyric acid ethyl ester see Ethyl butyrate								
Butyl acetate	123864		C	C	C	C	A	A
Butyl acrylate	141322		C	C	C	C	A	A
Butyl alcohol see Butanol								
Butyl amine	109739		C	C	C	C	-	A
Butyl benzoate	136607		C	A	A	C	-	A
Butyl chloride n- see Chlorobutane(1)								
Butyl diglycol acetate	124174		C	A	A	C	-	A
Butylene glycol-1,4 see 1,4-Butanediol								
Butyl ether	142961		C	C	C	C	B	A
Butyl glycol see Ethylene glycol monobutyl ether								
Butyl glycol acetate	112072		C	A	A	C	-	A
Butyl oleate n-	142778		C	B	B	C	-	A
Butyl aldehyde n-	123728		C	B	B	-	-	A
Calcium acetate, aqueous	543908		A	A	A	A	A	A
Calcium bisulfate, aqueous	23 276622		A	A	A	A	A	A
Calcium chloride, aqueous	10 043524		A	A	A	A	A	A
Calcium hydroxide see Lime water								
Calcium hypochlorite, aqueous	7778543		-	A	A	A	A	A
Calcium nitrate, aqueous	10 124375		A	A	A	A	A	A
Caproic acid n-	142621		A	C	C	B	A	A
Carbon tetrachloride see Tetrachloromethane								
Chlorine (wet gas)	7782505		C	C	C	C	C	-
Chlorine (dry gas)	7782505		C	C	C	C	C	-

Suitability Explanation:		hose type	TM1, TM2, Flexioil, Resist M	Resist E, Flexichem EPDM/EPDO	Resist B	Resist C	Resist UPEL P, Flexichem, Resist XLPE	Resist P
A ... suitable ⇒ for full and empty hose systems								
B ... limited suitable ⇒ eg. only for empty hose systems or short-term operation								
C ... not suitable ⇒ hose material will be weakened or destroyed		colour code	yellow or blue	lilac	lilac	green	blue/white	blue/white/red
- ... please contact Semperit		inner liner compound	NBR1 / NBR2	EPDM	IIR	CSM	PE-X / UPE	FEP
) mass percentage, technically pure		Concentration						
Designation of the medium	CASNr							
Chlorobenzene	108907		C	C	C	C	B	A
Caustic soda solution see Sodium hydroxide, solution of								
Chlorobutane(1)	109693		C	C	C	C	A	A
Chloro difluoromethane	75456		C	-	C	-	-	-
Chloroacetic acid	79118		C	A	B	A	A	A
Chloroethane see Ethyl chloride								
Chloroform	67663		C	C	C	C	C	A
Chlorothene see Trichloroethane(1,1,1)								
Chlorosulfonic acid	7790945		C	C	C	C	C	A
Chlorine (dissoled in water)	7782505	0.5 %	C	B	C	B	A	A
Hydrogen chloride (dry)	7647010		C	-	-	-	-	-
Chromic acid, solution	7738945	25%	C	A	A	A	B	A
Citric acid, aqueous	77929		A	A	A	A	A	A
Crotonaldehyde	123739		C	A	A	C	A	A
Cyclohexane	110827		A	C	C	C	A	A
Cyclohexanol	108930		A	C	C	C	A	A
Cyclohexanone	108941		C	C	C	C	A	A
Cyclohexene	110838		B	C	C	C	-	A
Cyclohexylamine	108918		C	A	C	B	A	A
Decahydronaphthalene see Decalin								
Decalin cis-/trans-	91178		C	C	C	C	A	A
Diacetone alcohol	123422		C	A	A	B	A	A
Dibenzyl ether	103504		C	B	B	C	-	A
Dibutyl ether see Butyl ether								
Dibutyl ketone	502567		C	B	B	C	A	A
Dibutyl phthalate	84742		C	A	C	C	A	A
Dibutyl sebacate	109433		C	B	B	C	A	A
Dichlorobenzene	95501		C	C	C	C	B	A
Dichloro difluoromethane	75718		-	-	-	-	-	-
Dichloroacetic acid	79436		C	C	C	C	A	A
Dichloroacetic acid methyl ester	116541		C	A	-	-	A	-
Dichloro ethane(1,2)	107062		C	C	C	C	B	A
Dichloro ethylene	25 323302		C	C	C	C	C	A
Dichloro methane	75092		C	C	C	C	B	A
Diesel fuel (EN 590)			A	C	C	B	A	A
Diethyl amine	109897		C	A	A	C	-	A
Diethylene glycol	111466		A	A	A	A	A	A
Diethylene glycol dimethyl ether	111966		A	A	A	-	A	A
Diethylene glycol monoethyl ether	111773		A	A	A	A	A	A
Diethyl ether see Ethyl ether								
Diethyl ketone	96220		C	B	B	C	A	A
Dihexyl phthalate	84753		C	C	C	C	-	A
Diisobutylene (mixture of isomers)	25 167708		B	C	C	C	-	A
Dimethyl amine	124403		C	A	B	C	A	A
Dimethyl aniline	121697		C	C	C	C	-	A
Dimethyl ether	115106		A	C	C	C	B	A
Dimethyl formamide N,N-	68122		C	C	-	C	A	A
Dimethyl furane(2,5)	625865		C	C	C	C	C	A
Dimethyl sulfoxide	67685		C	A	A	A	A	A
Dinonyl phthalate	84764		C	-	-	C	A	A
Diocetyl phthalate	117840		C	B	B	C	A	A
Diocetyl sebacate	2432873		C	B	B	C	-	A
Dioxane(1,4)	123911		C	C	-	C	A	A
Diphenyl	92524		C	C	C	C	C	A
Diphenyl ether	101848		C	C	C	C	-	A
Iron(II) chloride	7758943		A	A	A	A	A	A
Iron(II) nitrate	14 013866		A	A	A	A	A	A
Iron(II) sulfate	7720787		A	A	A	A	A	A
Iron(III) chloride	7705080		A	A	A	A	A	A
Iron(III) nitrate	7782618		A	A	A	A	A	A
Iron(III) sulfate	10 028225		A	A	A	A	A	A
Epichlorohydrin	106898		C	B	B	C	A	A
Acetic acid see Ethyl acetate								
Acetic acid	64197	10 %	-	A	A	-	A	A
Acetic acid	64197	60 %	C	A	-	A	A	A
Acetic acid	64197	100 %	C	A	-	C	A	A
Acetic anhydride	108247		C	C	-	A	A	A
Acetic acid butyl ester see Butyl acetate								
Acetic ethyl ester see Ethyl acetate								
Acetic acid methyl ester see Methyl acetate								
Acetic acid propyl ester	109604		C	B	B	C	-	A
Acetic acid vinyl ester see Vinyl acetate								
Ethanol	46175		A	A	A	A	A	A
Ethanolamine	141435		C	A	A	C	A	A
Ethyl acetate	141786		C	A	B	C	A	A
Ethyl acrylate	140885		C	C	C	C	-	A
Ethyl alcohol see Ethanol								
Ethyl benzene	100414		C	C	C	C	B	A
Ethyl butano(2)	97950		A	A	A	A	A	A
Ethyl butyrate	105544		C	C	C	C	-	A
Ethyl chloroacetate	105395		C	C	-	-	A	A
Ethyl chloride	75003		C	C	C	C	B	A
Ethyl diglycol see Diethylene glycol monoethyl ether								
Ethylene chloride see 1,2-Dichloro ethane								
Ethylene diamine	107153		A	A	A	C	A	A
Ethylene glycol	107211		A	A	A	A	A	A
Ethylene glycol monobutyl ether	111762		C	A	A	C	A	A
Ethylene glycol monoethyl ether	110805		C	A	A	C	A	A
Ethylene oxide	75218		C	C	C	C	A	A
Ethyl ether	60297		C	C	C	C	-	A
Ethyl glycol see Ethylene glycol monoethyl ether								
Ethyl hexanol	104767		A	A	A	A	A	A
Ethyl mercaptan	75081		C	C	C	C	-	A
Ethyl methyl ketone	78933		C	A	C	C	A	A
Ethyl oxalate	95921		C	A	C	C	-	A
Fatty acid			B	C	C	C	A	A
Fluorine, dry	7782414		C	C	C	C	C	-
Silicofluoric acid	16 961834		B	A	A	A	A	A
Hydrogen fluoride, anhydrous	32 057093		C	C	C	-	-	-

Suitability Explanation:		hose type	TM1, TM2, Flexioil, Resist M	Resist E, Flexichem EPDM/EPDO	Resist B	Resist C	Resist UPEL P, Flexichem, Resist XLPE	Resist P
A ... suitable ⇒ for full and empty hose systems								
B ... limited suitable ⇒ eg. only for empty hose systems or short-term operation								
C ... not suitable ⇒ hose material will be weakened or destroyed		colour code	yellow or blue	lilac	lilac	green	blue/white	blue/white/red
- ... please contact Semperit		inner liner compound	NBR1 / NBR2	EPDM	IIR	CSM	PE-X / UPE	FEP
) mass percentage, technically pure		Concentration						
Designation of the medium	CASNr							
Hydrofluoric acid	7664393	10 %	-	-	-	-	A	A
Hydrofluoric acid	7664393	75 %	-	-	-	-	A	A
Formaldehyde, aqueous	50000	40 %	B	A	A	A	A	A
Freon 12 see Dichloro difluoromethane								
Freon 22 see Chloro difluoromethane								
Frigen 12 see Dichloro difluoromethane								
Frigen 22 see Chloro difluoromethane								
Furfural	98011		C	A	A	C	A	A
Furfuryl alcohol	98000		C	B	B	C	-	A
Gelatin, aqueous	9000708		A	A	A	A	A	A
Tannic acid	1401554		A	A	A	A	A	A
Glucose, aqueous			A	A	A	A	A	A
Glycol see Ethylene glycol								
Glycolic acid, aqueous	79141	40 %	A	A	A	A	A	A
Glycolic acid butyl ester (Butyl glycolate)	7397628		C	A	A	A	A	A
Glycerol	56815		A	A	A	A	A	A
Urea, aqueous	57136		A	A	A	A	A	A
Fuel oils ⁹⁾			-	C	C	-	-	A
Heptane	142825		A	C	C	B	A	A
Hexadecanoic acid see Palmitic acid								
Hexane n-	110543		A	C	C	B	A	A
Hexane see Hexane n-								
Hexanols	111273		A	C	C	B	A	A
Hexyl alcohol see Hexanols								
Hexyl amine	111262		C	C	C	C	-	A
Hydrazine	302012		C	A	A	B	A	A
Hydrazine hydrate, aqueous solution	7803578		-	A	A	-	A	A
Hydroquinone, aqueous	123319		C	-	-	C	-	A
Isobutanol	78831		B	A	A	A	A	A
Isobutyl acetate	110190		C	B	-	C	-	A
Isobutyl alcohol see Isobutanol								
Isobutyl amine see Butyl amine								
Isodecyl alcohol	25 339177		A	C	C	A	A	A
Isohexadecyl alcohol	26 311349		A	C	C	A	A	A
Isononyl alcohol	27 458942		A	C	C	A	A	A
Isooctadecyl alcohol	27 458931		A	C	C	A	A	A
Isocetane	540841		A	C	C	A	A	A
Isocetanol see Ethyl hexanol								
Isophorone	78591		C	B	B	C	-	A
Isopropanol	67630		A	A	A	A	A	A
Isopropyl alcohol see Isopropanol								
Isopropyl ether	108203		B	C	C	C	-	A
Isotridecanol	27 458920		A	-	-	A	A	A
Isotridecyl alcohol see Isotridecanol								
Caustic lye (Potassium hydroxide, aqueous)	1310583		-	A	A	A	A	A
Potassium acetate, aqueous	127082		B	A	A	A	A	A
Potassium aluminium sulfate see Alum								
Potassium bromate	7758012	10 %	A	A	A	A	A	A
Potassium bromide, aqueous	77580203		A	A	A	A	A	A
Potassium carbonate, aqueous	584087		A	A	A	A	A	A
Potassium chlorate, aqueous	3811049		A	A	A	A	A	A
Potassium chloride, aqueous	7447407		A	A	A	A	A	A
Potassium chromosulfate, diluted aqueous solution	10 279637		A	A	-	-	A	A
Potassium cyanide, aqueous	151508		A	A	A	A	A	A
Potassium dichromate, aqueous	7778509		A	A	A	A	A	A
Potassium hydrogen sulfate, aqueous	7646937		A	A	A	A	A	A
Potassium hydroxide, aqueous see Caustic lye								
Potassium iodide, aqueous	7681110		A	A	A	A	A	A
Potassium nitrate, aqueous	7757791		A	A	A	A	A	A
Potassium perchlorate, aqueous	7778747	10%	B	A	A	A	A	A
Potassium permanganate, aqueous	7722647	10 %	A	A	A	A	A	A
Potassium persulfate	7727211		C	A	A	A	A	A
Potassium sulfate, aqueous	7778805		A	A	A	A	A	A
Limewater	1305620		A	A	A	A	A	A
Carbon dioxide, gaseous	124389		-	-	-	-	-	-
Carbonic acid gas see Carbon dioxide								
Cresol i-	1319773		C	C	C	C	B	A
Cresylic acid see Cresol i-								
Copper(II) chloride, aqueous	7447394		A	A	A	A	A	A
Copper(II) sulfate, aqueous	7758987		A	A	A	A	A	A
Copper(II)acetate, aqueous	142712		B	A	A	-	-	A
Light gasoline (Ligroin)			A	C	C	B	A	A
Linseed oil	8001261		A	C	C	A	A	A
Petroleum spirit			A	C	C	B	A	A
Magnesium chloride, aqueous	7786303		A	A	A	A	A	A
Magnesium lye (Magnesium hydroxide, aqueous)	1309428		A	A	A	A	A	A
Magnesium sulfate, aqueous	7487889		A	A	A	A	A	A
Maleic acid, aqueous	110167		C	C	C	C	A	A
Sea water			A	A	A	A	A	A
Methanol	67561		A	A	A	A	A	A
Methanol-Coolant see Water-Methanol mixture								
Methyl acetate	79209		C	A	A	C	A	A
Methyl acrylate see Acrylic acid methyl ester								
Methyl alcohol see Methanol								
Methyl amine	74895	30 %	C	A	B	B	A	A
Methyl chloroacetate	96344		C	A	A	A	A	A
Methyl chloride, dry, gaseous	74873		C	C	C	C	-	-
Methyl cyanide see Acetonitrile								
Methyl dichloro acetate see Dichloro acetic acid methyl ester								
Methylene chloride see Dichloro methane								
Methyl ethyl ketone see Ethyl methyl ketone								
Methyl glycol	109864		C	A	A	A	A	A
Methyl isobutyl ketone	108101		C	B	C	C	-	A
Methyl methacrylate	80626		C	C	C	C	A	A
Monochloroacetic acid ethyl ester see Ethyl chloroacetate								
Monochloroacetic methyl ester see Methyl chloroacetate								
Monochloroethylene see Vinyl chloride								
Monochloromethane see Methyl chloride								

Suitability Explanation:		hose type	TM1, TM2, Flexioil, Resist M	Resist E, Flexichem EPDM/EPDO	Resist B	Resist C	Resist UPEL P, Flexichem, Resist XLPE	Resist P
A ... suitable ⇒ for full and empty hose systems								
B ... limited suitable ⇒ eg. only for empty hose systems or short-term operation								
C ... not suitable ⇒ hose material will be weakened or destroyed		colour code	yellow or blue	lilac	lilac	green	blue/white	blue/white/red
- ... please contact Semperit		inner liner compound	NBR1 / NBR2	EPDM	IIR	CSM	PE-X / UPE	FEP
) mass percentage, technically pure		Concentration						
Designation of the medium	CASNr							
Monochloro benzene see Chlorobenzene								
Monoisopropanol amine see Amino (1) propanol (2)								
Monostyrene see Styrene, monomeric								
Naphtha (petroleum distillates)	8002059		A	C	C	C	A	A
Naphtalene	91203		C	C	C	C	B	A
Sodium acetate, aqueous	127093		B	A	A	A	A	A
Sodium aluminate, aqueous	1302427		A	A	A	A	A	A
Sodium bisulfite see Sodium pyrosulfite, solutions of								
Sodium carbonate, aqueous	497198		A	A	A	A	A	A
Sodium chlorate, aqueous	7775099		A	A	A	A	A	A
Sodium chloride, solution of	7647145		A	A	A	A	A	A
Sodium chlorite, aqueous	7758192	50%	C	A	A	A	A	A
Sodium cyanide, solution of	143339	30%	A	A	A	A	A	A
Sodium hydrosulfide	16 721805		C	A	A	A	-	A
Sodium hydroxide solution of	1310732	20%	A	A	A	A	A	A
Sodium hypochlorite, solution of	7681529	13%	C	A	-	A	-	A
Sodium metaphosphate, aqueous	50 813166		A	A	A	A	A	A
Sodium nitrate, aqueous	7631994		A	A	A	A	A	A
Sodium phosphate - polyphosphate-mixture, aqueous			-	A	A	A	A	A
Sodium silicate, aqueous	1344098		A	A	A	A	A	A
Sodium sulfate, aqueous	7757826		A	A	A	A	A	A
Sodium sulfhydrate see Sodium hydrosulfide								
Sodium sulfide, aqueous	1313822		A	A	A	A	A	A
Sodium thiosulfate, aqueous	7772987		B	A	A	A	A	A
Caustic soda see Sodium hydroxide solution of								
Nickel(II)sulfate, aqueous	7786814		A	A	A	A	A	A
Nitro benzene	98953		C	C	C	C	A	A
Nitro propane n-	108032		C	B	B	-	A	A
Nitrous gases (Nitrogen oxides)			-	-	-	-	-	-
Nitrotoluol o-	88722		C	C	C	C	A	A
Nonanol(1)	143088		A	A	A	A	A	A
Nonyl alcohol see Nonanol (1)								
Octadecanoic acid	57114		A	B	B	C	A	A
Octane	111659		A	C	C	C	A	A
Octanol(1)	111875		A	C	C	A	A	A
Octyl alcohol see Octanol (1)								
Oleum	8014957		C	C	C	C	C	A
Oxalic acid, aqueous	144627		B	A	A	A	A	A
Oxalic acid diethyl ester see Ethyl oxalate								
Palmitic acid	57103		A	B	B	C	A	A
Paraffin, emulsions of			A	C	C	C	A	A
Paraffin oils	8012951		A	C	C	C	A	A
Pentane	109660		A	C	C	C	-	A
Pentene n-	109671		B	C	C	C	-	A
Perchloroethylene	127184		C	C	C	C	B	A
Petroleum ether	8032324		A	C	C	B	A	A
Phenol	108952		C	C	C	C	A	A
Phenyl ethyl ether	103731		C	C	C	C	-	A
Phenyl hydrazine	100630		C	C	C	C	B	A
Phosphoryl chloride	10 025873		C	C	C	C	A	A
Phosphoric acid, all concentrations	7664382		-	A	-	A	A	A
Phosphoric acid ester			C	A	A	C	-	A
Phosphoric acid tributyl ester see Tributyl phosphate								
Phosphorous trichloride	7719122		C	A	A	C	C	A
Phthalic acid, aqueous	88993		B	A	A	A	A	A
Diethyl phthalate	84662		C	C	C	C	A	A
Picric acid, aqueous	88891		B	A	B	A	-	A
Propanediol(1,2)	57556		A	A	A	A	A	A
Propanol(1)	71238		A	A	A	A	A	A
Propionic acid ethyl ester	105373		C	C	C	C	-	A
Propyl acetate see Acetic acid propyl ester								
Propyl alcohol see Propanol(1)								
Propylamine	107108		C	A	A	A	-	A
Propylene glycol see Propanediol(1,2)								
Propylene oxide	75569		C	B	B	C	A	A
Pyridine	110861		C	B	B	C	A	A
Mercury	7439976		-	A	A	A	A	A
Mercury salts, aqueous			-	A	A	A	A	A
R12 see Dichloro difluoro methane								
R22 see Chloro difluoro methane								
Castor oil	8023834		A	B	B	A	A	A
Benzene (crude)	71432		C	C	C	C	B	A
Crude oil, aromatic base	8002059		C	C	C	C	-	A
Salicylic acid, aqueous	69727		B	A	A	A	A	A
Nitric acid	7697372	20%	C	A	A	A	A	A
Nitric acid	7697372	40%	C	C	C	B	B	A
Nitric acid	7697372	100%	C	C	C	C	C	A
Hydrochloric acid, diluted	7647010	10%	A	A	A	A	A	A
Hydrochloric acid, concentrated	7647010	37%	C	B	B	C	A	A
Hydrochloric acid anhydrous see Hydrogen chloride, anhydous								
Sulfur dioxide, liquid	7446095		C	-	-	-	A	A
Sulfur dioxide, dry gas	7446095		-	-	-	-	-	-
Sulfur hexafluoride	2551624		B	A	A	A	A	A
Sulfurous acid	7782992		C	B	-	A	A	A
Carbon disulfide	75150		C	C	C	C	B	A
Sulfuric acid	7664939	20%	A	A	A	A	A	A
Sulfuric acid	7664939	50%	B	A	A	A	A	A
Sulfuric acid	7664939	75%	C	A	B	A	A	A
Sulfuric acid	7664939	96%	C	C	C	C	B	A
Sulfuric acid fuming see Oleum								
Hydrogen sulfide, gaseous	7783064		-	-	-	-	-	-
Solvent Naphtha			C	C	C	C	B	A
Silicone grease			A	A	A	A	A	A
Silicon oils			A	A	A	A	A	A
Soda see Sodium carbonate								
Stearic acid	57114		A	B	B	B	A	A
Coal tar oil			C	C	C	C	B	A
Nitrogen, gaseous	7727379		-	-	-	-	-	-
Styrene, monomeric	100425		C	C	C	C	B	A

Suitability Explanation:		hose type	TM1, TM2, Flexioil, Resist M	Resist E, Flexichem EPDM/EPDO	Resist B	Resist C	Resist UPEL P, Flexichem, Resist XLPE	Resist P
A ... suitable ⇒ for full and empty hose systems		colour code	yellow or blue	lilac	lilac	green	blue/white	blue/white/red
B ... limited suitable ⇒ eg. only for empty hose systems or short-term operation		inner liner compound	NBR1 / NBR2	EPDM	IIR	CSM	PE-X / UPE	FEP
C ... not suitable ⇒ hose material will be weakened or destroyed		Concentration*						
- ... please contact Semperit								
*) mass percentage, technically pure								
Designation of the medium	CASNr							
Sulfuryl chloride	7791255		C	A	A	A	C	A
Tannin see Tannic acid								
Tar oil			C	C	C	C	B	A
Turpentine	8006642		A	C	C	C	B	A
White spirit			A	C	C	B	A	A
Tetrachloroethane, dry	79345		C	C	C	C	C	A
Tetrachloroethene see Tetrachloroethylene								
Perchloroethylene	127184		C	C	C	C	B	A
Tetrachloromethane	56235		C	C	C	C	B	A
Tetrahydrofuran	109999		C	C	C	C	C	A
Tetrahydronaphthalene	119642		C	C	C	C	A	A
Tetralin see Tetrahydronaphthalene								
Thionyl chloride	7719097		C	C	C	C	C	A
Thiophene	110021		C	C	C	C	B	A
Toluene	108883		C	C	C	C	B	A
Tributyl phosphate	126738		C	A	B	C	A	A
Trichloroacetic acid	76039		C	C	C	C	A	A
Trichloroethane(1,1,1)	71556		C	C	C	C	-	A
Trichloroethene see Trichloroethylene								
Trichloroethylene	79016		C	C	C	C	C	A
Trichloroethyl phosphate	306525		C	C	C	C	A	A
Triethanol amine	102716		B	A	A	A	A	A
Triethyl amine	121448		A	A	C	B	-	A
Triethylene glycol	112276		-	A	A	A	A	A
Tricresyl phosphate	1330785		C	A	A	C	A	A
Trimethyl amine	75503		C	C	C	B	-	A
Trioctyl phosphate	1806548		C	A	A	C	A	A
Vaseline			A	C	C	-	B	A
Vinyl acetate	108054		C	B	B	C	A	A
Vinyl chloride	75014		C	C	C	C	C	A
Vinyl cyanide see Acrylonitrile								
Water, demineralized	7732185		A	A	A	A	A	A
Water, distilled	7732185		A	A	A	A	A	A
Soluble glass (Sodium silicate and potassium silicate, aqueous)			A	A	A	A	A	A
Water-methanol-mixture			-	A	A	-	A	A
Hydrogen peroxide	7722841	6 %	-	B	B	A	B	A
Hydrogen peroxide	7722841	35 %	C	B	B	B	B	A
Tartaric acid, aqueous	133379		A	B	B	A	A	A
Xylene, mixture of isomers	1330207		C	C	C	C	B	A
Zinc acetate, aqueous	5970456		B	A	A	-	A	A
Zinc chloride, aqueous	7646857		A	A	A	A	A	A
Zinc sulfate, aqueous	7446197		A	A	A	A	A	A
Stannous(II)chloride, aqueous	7772998		A	A	A	A	A	A
Sugar, aqueous	57501		A	A	A	A	A	A

a) As a natural product the composition of fuel oils may vary. NBR1/2 may be a proper choice, however, components like sulfur, nitrogen bases and high aromatic contents may limit applicability and shorten life-time.