

Perlast® Perfluoroelastomer



Chemical Compatibility



BORN TO RESIST

HIGH TEMPERATURE STABILITY

FDA CERTIFICATION

CUSTOM PARTS

PERLAST ESSENTIAL™ FOR CRITICAL PURITY



Solutions Through Innovation



Precision Polymer Engineering Limited

perlast.com

Perlast® Chemical Compatability Guide

1 = Excellent
 2 = Good
 3 = Doubtful
 4 = Do not use
 * = Special Formulation

PPE Material Code Prefix>	Perlast®	Dynamic and Static																Static		
		FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IIR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ	
Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S	
Acetaldehyde	1		3	3	1	2	4	2	3	4	4	3	1	4	3	3	4	3	2	
Acetamide	1	2	4	2	1	1	2	2	1	4	4	4	1	3	4	2	1	2	1	
Acetic acid (dilute)	1	2	2	1	1	1	2	1	2	4	4	2	1	1*	4	2	2	1	1	
Acetic acid (glacial)	1	3	3	4	1	2	4	2	2	4	4	2	1	2*	4	2	4	4	2	
Acetic acid (hot, high pressure)	1	3	4	4	1	3	4	4	4	4	4	4	1	2*	4	3	4	4	3	
Acetic anhydride	1	2	4	2	1	2	4	2	4	4	4	2	1	4	4	4	4	2	2	
Acetic oxide (Acetic anhydride)		See Acetic anhydride																		
Acetone	1	4	3	3	1	1	4	1	4	4	4	4	1	4	4	4	4	3	4	
Acetone cyanohydrin	1		3	2	1	4		1	4			3	1	4				4		
Acetonitrile (Methyl cyanide)		See Methyl cyanide																		
Acetophenone	1	4	4	4	1	1	4	2	4	4	4	4	1	4	4	4	4	4	4	
Acetyl acetone	1	4	4	4	1	1	4	2	4	4	4	4	1	4	4	4	4	4	4	
Acetyl chloride	1	1	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	3	
Acetyl salicylic acid (Aspirin)	1			1	1	4			2				1							
Acetylene (Ethyne)	1	1	2	2	1	1	1	1	1	4	4	2	1	1	1	1	1	2	2	
Acetylene tetrabromide	1	1	4	2	1	1	4	1	4	4	4	4	1	1	4	4	2	4	4	
Acrolein (Acrylaldehyde)		See Acrylaldehyde																		
Acrylaldehyde	1	1	3	2	1	1	4	2	2	4	4	2	1	1			4	2	4	
Acrylonitrile (Vinyl cyanide)	1	2	3	3	1	4	4	4	4	4	4	3	1	3	4	4	4	3	4	
Adipic acid	1	2	1	1	1	2	2	1	1	4	4	1	1	1	2	1	1	1	1	
Alkane (Dodecyl benzene)	1		4		1			4	4			4	1	1				4		
Alkane sulfonic acid	1				1								1							
Alkazene (Dibromoethylbenzene)		See Dibromoethylbenzene																		
Alkyl aryl sulfonate	1				1								1							
Allyl alcohol	1	1	1	2	1	2	2	2	1	4	3	3	1	2	1		1	1	1	
Allyl bromide	1		4	4	1			4	4			4	1	2				4		
Allyl chloride	1		4	2	1	2		3	2			4	1	2		1		4		
Alum	1	1	1	1	1	1		1	1	4		1	1	1	3	1	1	1	1	
Aluminium acetate	1	1	3	2	1	1	2	1	2	4	4	1	1	3	4	2	4	4	4	
Aluminium bromide	1	1	1	1	1	1		1	1	1	3	1	1	1		1	1	1	1	
Aluminium chloride	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	2	
Aluminium fluoride	1	1	1	1	1	1	1	1	1		3	2	1	1		1	1	1	2	
Aluminium hydroxide	1	1	2	1	1	2		1	2			1	1	2*				2		
Aluminium nitrate	1	1	1	1	1	1	1	1	1	4	3	1	1	1	4	1	1	1	2	
Aluminium phosphate	1	1	1	1	1	1	1	1	1			1	1	1		1	1	1	1	
Aluminium potassium sulfate	1	1	1	1	1	1		1	1	4	4	1	1	1*	3		4	1	1	
Aluminium salts	1	1	1	1	1	1		1	1	1	3	1	1	1		1	1	1	1	
Aluminium sodium sulfate	1	1	1	1	1	1		1	1			1	1	1	1	1	1	1	1	
Aluminium sulfate	1	1	2	1	1	1	2	1	1	4	4	1	1	1	1	1	1	1	1	
Amines	1	2	2	2	1	2		2	4	4	4	2	1	4	4	3	4	4	2	
Aminobenzene (Aniline)	1	1	4	4	1	2	4	2	4	4	4	4	1	3	4	4	3	4	4	
Aminobutane (Butyl amine)		See Butyl amine																		
Aminosalicyclic acid	1				1									1						
Ammonia , anhydrous	1	2	4	1	1	1	3	1	2	4	4	4	1	4	4	2	4	4	2	
Ammonia gas, cold	1	1	1	1	1	1	1	1	1	4	3	1	1	4	4	1	4	1	1	
Ammonia gas, hot	1	2	4	2	1	2	4	2	4	4	4	4	1	4	4	4	4	2	1	
Ammonium acetate	1	1	1	2	1	1		1	1		4	1	1	1*				1		
Ammonium bicarbonate	1	1		1	1	1			1				1	1						
Ammonium bifluoride	1			4	1	2			2				1	2						
Ammonium bisulfite	1				1								1							
Ammonium bromide	1				1								1							
Ammonium carbonate	1	1	1	1	1	1	2	1	4	4	4	1	1	2*	4	4	3	1	2	
Ammonium chloride	1	1	1	1	1	1	1	1	1	3	3	2	1	1	2	1	2	1	3	
Ammonium cupric sulfate	1		1		1			1	1			3	1	1		1		1		
Ammonium dichromate	1			1	1	1			1			1	1	3		1				

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		FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ		
		A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Chemical or Media	G	Dynamic and Static																	Static		
Ammonium fluoride	1	1	1	2	1	1	1	1				2	1	1					1		
Ammonium fluosilicate	1				1							1									
Ammonium hydrogen fluoride	1			4	1	2						1	2								
Ammonium hydroxide, 3 molar	1	1	2	1	1	1	2	1	2	4	4	2	1	2	1	2			2 1 1		
Ammonium hydroxide, conc.	1	1	3	2	1	1	2	1	4	4	4	3	1	2*	4	4			3 1 1		
Ammonium iodide	1				1							1									
Ammonium nitrate	1	1	1	1	1	1	2	1	1	4	4	3	1	2	4	1			3 1 3		
Ammonium nitrite	1	1	1	1	1	1	2	1	1	4	4	1	1	3	4	1			3 1 2		
Ammonium oxalate	1			1	1				1			1									
Ammonium perchlorate	1				1							1									
Ammonium persulfate	1	1	4	1	1	1	2	1	4	4	4	3	1	3	4	4			4 1 1		
Ammonium phosphate	1		1	1	1	1	2	1	1	4	4	1	1	4	4	1			4 1 1		
Ammonium salts	1	1	1	1	1	1		1	1	3		1	1	3		1			3 1 1		
Ammonium sulfate	1	1	2	1	1	1	2	1	1	4	4	1	1	4	4	1			4 1 1		
Ammonium sulfide	1	1	2	1	1	1	2	1	3	4	4	3	1	4	4	3			4 1 1		
Ammonium sulfite	1		1		1			1	1			1	1	1					1		
Ammonium thiocyanate	1	1		1	1	1			1			1	1								
Ammonium thiosulfate	1	1	1	1	1	1		1	1			1	1	1					1		
Amyl acetate	1	3	4	4	1	1	4	1	4	4	4	4	1	4	4	4			4 4 4		
Amyl alcohol (Pentanol)	1	1	2	2	1	1	1	1	2	4	4	2	1	2	2	2			1 2 4		
Amyl amine	1		2		1			1	2			2	1						3		
Amyl borate	1	1	4	2	1	4		4	1			4	1	1		1			1		
Amyl chloride (Chloropentane)	1	1	4	4	1	4		4	3	4		2	1	1*		2			2 4 4		
Amyl chloronaphthalene	1	2	4	4	1	4		4	4	3	4	4	1	1		4			2 4 4		
Amyl naphthalene	1	2	4	4	1	4		4	4	3	4	4	1	1		4			2 4 4		
Amyl nitrate	1				1				1			1									
Amyl phenol	1		4		1			4	4			4	1	1					4		
Aniline (Aminobenzene)		See Aminobenzene																			
Aniline dyes	1	1	2	2	1	2	4	2	4	4	4	3	1	2	2	4			2 2 3		
Aniline hydrochloride	1	1	3	4	1	3	4	2	3	4	4	3	1	2	4	2			2 4 3		
Aniline oil	1	2	4	4	1	2	4	2	4	4	4	3	1	3	4	4			3 4 4		
Aniline sulfate	1				1							1									
Animal oils & fats	1	1	4	2	1	2	1	2	1	1	2	4	1	1	1	1			1 3 2		
Anisole (Methyl phenyl ether)		See Methyl phenyl ether																			
Anone (Cyclohexanone)		See Cyclohexanone																			
Anthraquinone	1		1		1	1		1	2		4	2	1						1		
Antifreeze		See Ethylene glycol																			
Antimony pentachloride	1		4		1			4	4			4	1						4		
Antimony trichloride	1		2	2	1	2		2	1			2	1	2*					2		
Aqua regia	1	3	4	4	1	3	4	4	4	4	4	4	1	2*	4	4			3 4 4		
Argon	1	1	4	4	1	1	1	2	3	1	1	4	1	1	1	2			2 4 2		
Aromatic fuels	1	2	4	4	1	4		4	2	4	4	4	1	1	4	2			2 4 4		
Arsenic acid	1	1	1	1	1	1	1	1	2	3	3	2	1	1	4	1			1 1 1		
Arsenic trichloride	1		4	1	1	3		4	2			4	1	4		2			4		
Ascorbic acid	1				1							1	1								
Askarel	1	1	4	4	1	4		4	2	4	4	4	1	1		2			2 4 4		
Asphalt	1		4	2	1	4	1	4	2	2	2	4	1	1	1				2 4 4		
ASTM fluid 101	1		4	4	1	4	3	4	3	4	4	4	1	1	4	4			1 4 4		
ASTM fuel A (aliphatic)	1	3	4	2	1	4	1	4	1	2	1	4	1	1	1	1			1 2 4		
ASTM fuel B (30% aromatic)	1	4	4	4	1	4	2	4	1*	4	2	4	1	1	3	1			1 4 4		
ASTM fuel C (50% aromatic)	1	4	4	4	1	4	2	4	2*	4	4	4	1	1	4	2			2 4 4		
ASTM fuel D	1	4	4	4	1	4	2	4	1	2*	3		1	1	2				1 4 4		
ASTM oil 1 (high aniline)	1	1	4	1	1	4	1	4	1	1	1	4	1	1	1	1			1 2 1		
ASTM oil 2 (medium aniline)	1	2	4	3	1	4	1	4	1	1	2	4	1	1	1	1			1 4 4		
ASTM oil 3 (low aniline)	1	3	4	4	1	4	1	4	1	1	2	4	1	1	2	1			1 4 3		
ASTM oil 4 (high aniline)	1	2	4	4	1	4		4	2	2	4	4	1	1		2			2 4 4		
Automatic transmission fluid	1	1	4	2	1	4		4	1*	1	2	4	1	1	1	1			3 4		
Automotive brake fluids		See Brake fluids																			
Barium carbonate	1	1	1	1	1	1		1	1			1	1	1		1			1		

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G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S			
Chemical or Media		Dynamic and Static																	Static		
Butydigol (Butyl carbitol)		See Butyl carbitol																			
Butyl acetate	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Butyl acetyl ricinoleate	1	1	4	2	1	1		1	2	1	4	4	1	1		2		2	2		
Butyl acrylate	1	4	4	4	1	4	4	4	4	4	4	4	1	4	4	4		4	4		
Butyl alcohol (Butanol)		See Butanol																			
Butyl amine (Aminobutane)	1	2	3	4	1	3	4	4	3	4	4	4	1	4	4	4		4	4		
Butyl benzoate	1		4	4	1	1	4	1	4	4	4	4	1	1	4	4		1	4		
Butyl bromide	1		4		1			4	4			4	1	2				4			
Butyl butyrate	1		4	4	1	1		2	4	4		4	1	1				1	4		
Butyl carbitol	1	2	4	3	1	1	1	1	4	4		4	1	2*		4		4	4		
Butyl cellosolve (Butoxyethanol)	1	3	4	3	1	2	3	2	3	4	4	4	1	4	4	4		4	4		
Butyl chloride (Chlorobutane)		See Chlorobutane																			
Butyl ether	1		4	4	1	3	4	3	3	4	2	4	1	4	4			3	4		
Butyl hydride (Butane)		See Butane																			
Butyl oleate	1	1	4	4	1	2	4	2	4	4	4	4	1	1	4	4		2	4		
Butyl phenol	1		4	4	1	4		4	4	3	4	4	1	1*				4	4		
Butyl phthalate (Dibutyl phthalate)		See Dibutyl phthalate																			
Butyl stearate	1	1	4	4	1	4	2	4	2	4	4	4	1	1	1	2		2	4		
Butylene (Butene)	1		4	3	1	4	1	4	2	4	4	4	1	1	4	2		2	4		
Butyraldehyde	2*	3	4	4	1	2	4	2	4	4	4	4	1	4	4	4		4	4		
Butyric acid	1	2	4	4	1	2	4	2	4	4	4	4	1	2	4	4		4	4		
Butyric anhydride	1		4		1			3	3			3	1					2			
Butyrone (Dipropyl ketone)	1		4		1			2	4			4	1	4				4			
Cadmium chloride	1				1								1								
Cadmium nitrate	1				1								1								
Cadmium sulfate	1				1								1								
Calcine liquors	1*	1			1	1		1	1	4	4		1	1		1		1			
Calcium acetate	1	1	3	2	1	2	3	1	3	4	4	1	1	4	4	2		4	4		
Calcium bisulfate	1			2	1	2			1				1	1							
Calcium bisulfide	1				1				1				1	1							
Calcium bisulfite	1	1	4	1	1	4	4	4	1	4	3	4	1	1	4	1		2	1		
Calcium bromide	1				1								1								
Calcium carbonate	1	1	1	1	1	1		1	1	3	3	1	1	1	1	1		1	1		
Calcium chlorate	1	1		1	1	1			1				1	1		1					
Calcium chloride	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1		1	1		
Calcium cyanide	1	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1		1	1		
Calcium hydrosulfide	1		1		1			1	1			1	1	1				1			
Calcium hydroxide	1	1	1	1	1	1	1	1	1	4	4	1	1	1	2	1		1	1		
Calcium hypochloride	1	1	4	4	1	1	2	1	4	4	4	4	1	1				1	1		
Calcium hypochlorite	1	1	3	3	1	1	2	1	3	4	4	3	1	1	4	2		2	1		
Calcium nitrate	1	1	1	1	1	1	1	1	1	3	3	1	1	1	2	1		1	1		
Calcium oxichloride	1	1	4	3	1	2	2	2	2	4	4	2	1	1	2			2	2		
Calcium oxide	1			1	1	1			1				1								
Calcium permanganate	1				1				1				1	1							
Calcium phosphate	1	1	1	2	1	1		1	1	1	1	1	1	1		1		1	1		
Calcium salts	1	1	1	1	1	1		1	1	1	1	1	1	1		1		1	2		
Calcium silicate	1	1	1	1	1	1		1	1			1	1	1		1		1			
Calcium sulfate (Gypsum)	1	1	1	1	1	1		1	1			1	1	1		1		1			
Calcium sulfhydrate	1		1		1			1	1			1	1	1		1		1			
Calcium sulfide	1	1	2	1	1	1	2	1	2	4	1	2	1	1		1		1	1		
Calcium sulfite	1	1	2	1	1	1		1	1	4	1	2	1	1		1		1	1		
Calcium thiosulfate	1	1	2	1	1	1	2	1	2	4	3	2	1	1	2	2		1	1		
Caliche liquors	1	1	1	1	1	1		1	1	1	1	1	1	1		1		1	1		
Camphor	1		4	2	1	4		4	1			4	1	2				4			
Cane sugar liquor	1	1	1	1	1	1	1	1	2	4	4	1	1	1	1	2		1	1		
Capric acid (Caproic acid)	1	2			1								1								
Caproic aldehyde	1		4	1	1	2		2	4	4	4	2	1	4				4	2		
Capryl alcohol (Octanol)		See Octanol																			
Carbamate	1		4	2	1	2		2	3	4	4	4	1	1				1	2		

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Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Carbinol (Methanol)		See Methanol																			
Carbitol	1	2	2	2	1	2		2	2	4	4	2	1	2			2	2	2		
Carbolic acid (Phenol)	1	1	4	4	1	2	4	2	4	4	4	4	1	1	4	4	1	4	4		
Carbon bisulfide	1	1	4	4	1	4	4	4	4	3	4	4	1	1	4	2	1	4	3		
Carbon dioxide, dry	1	1	2	2	1	2	1	2	1	2	1	2	1	2	1	1	2	2	2		
Carbon dioxide, wet	1	1	2	2	1	2	1	2	1	2		2	1	2	1	1	2	2	2		
Carbon disulfide	1	1	4	4	1	4	4	4	4	3	4	4	1	1	4	3	1	4	3		
Carbon monoxide	1	1	3	3	1	2	1	2	1	1	1	2	1	1	1	1	2	2	1		
Carbon tetrachloride	2	4	4	4	1	4	2	3	2	4	4	4	1	1	4	2	2	4	4		
Carbonic acid	1	1	2	1	1	1	1	1	2	3	3	1	1	1	1	2	1	1	1		
Castor oil	1	1	2	1	1	2	1	2	1	1	1	2	1	1	2	1	1	1	1		
Caustic potash	1	2	2	2	1	1	2	1	2	4	2	2	1	2	4		2	2	3		
Caustic soda	1	1	2	2	1	1	2	1	2	4	2	2	1	2			2	2	3		
Cellosolve	1	1	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Cellosolve, acetate	1	3	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Cellosolve, butyl	1	2	4	3	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Cellosolve, methyl	1	2	4	3	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Cellulose acetate (CA)	1	3		4	1	2			4				1	4		4					
Cetane (Hexadecane)	1	1	4	2	1	4		4	1	1	4	4	1	1		1	3	2	4		
Cetyl alcohol	1				1								1								
China Wood oil (Tung oil)		See Tung oil																			
Chloral hydrate	2		3	3	1	3		3	4			4	1	3					2		
Chloramine-T	1		1	1	1	1		1	1			1	1			1			1		
Chlordane	1	1	4	3	1	4		4	2			4	1	1		2	2	3	4		
Chlorextol	1	1	4	2	1	4		4	2	2	4	4	1	1*		2	2	4	4		
Chloric acid	1		4	4	1	1		2	4			4	1	1*					1		
Chlorinated brine	1	1	4	4	1	4		4	4	4	4	2	1	1*		4	1	2	4		
Chlorinated lime	1	1	4	3	1	2	2	2	4	4	4	2	1	1	2		2	2	2		
Chlorinated solvents	1	4	4	4	1	4		4	4	4	4	4	1	1		4	1	4	4		
Chlorine dioxide	1*	3	4	4	1	3	4	3	4	4	4	4	1	2	4	4	2	3	3		
Chlorine trifluoride	2*	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Chlorine, dry	1*	3	4	4	1	4	2	4	4	4	4	4	1	1	4	3	1	4	4		
Chlorine, wet	1*	3	4	3	1	4	3	4	4	4	4	4	1	1	4	3	2	3	3		
Chloroacetic acid	1	2	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	3		
Chloroacetone	1	4	4	4	1	1	4	2	4	4	4	4	1	4	4	4	4	4	4		
Chlorobenzene	1	2	4	4	1	4	4	4	4	4	4	4	1	1*	4	4	2	4	4		
Chlorobromomethane	1	3	4	4	1	2	4	2	4	4	4	4	1	1*	4	4	2	4	4		
Chlorobutadiene (Chloroprene)		See Chloroprene																			
Chlorobutane (Butyl chloride)	1		4		1			3	4			4	1	2					4		
Chlorodifluoromethane	1	1	2	1	1	1	1	1	4	2	4	2	1	4	4		4	1	4		
Chlorodiphenyl				4		4		4	4					1					4		
Chlorododecane	1	2	4	4	1	4		4	4	4	4	4	1	1		4	1	4	4		
Chloroethylene (Vinyl chloride)	1	2	4	4	1	3	4	3	4	4	4	4	1	1	4	4	2	4	4		
Chloroform	1	4	4	4	1	4	4	4	4	4	4	4	1	1*	4	4	2	4	4		
Chloronaphthalene	1	4	4	4	1	4		4	4			4	1	1			2	4	4		
Chloronitroethane			4	4				4	4	4		4		3					4		
Chloropentafluoroethane	1		1	1	1	1	1	1	1	1	2	1	1	2	1	1	3	1	3		
Chloropentane (Amyl chloride)	1		4	4	1	4		4	4	4		4	1	2			2	4	4		
Chloroprene (Chlorobutadiene)	1	2	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Chlorosulfonic acid	1	1*	4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4		
Chlorothene (Trichloroethane)		See Trichloroethane																			
Chlorotoluene (Benzyl chloride)		See Benzyl chloride																			
Chlorotrifluoroethylene (CTFE)					1				4				1								
Chlorotrifluoromethane	2	1	2	1	1	1	1	1	1	2	4	2	1	3	1	1	3	1	4		
Chlorox	1	1	4	2	1	2	1	2	2	3	3	3	1	1*	3	2	1	2	2		
Chrome plating solution	1	1	4	4	1	2		2	4	4	4	4	1	1*		4	2	4	2		
Chromic acid, 50%	1	1	4	4	1	2	3	3	4	4	4	4	1	1*	4	4	3	2	3		
Chromic oxide (aqueous)	1	1	4	4	1	2		2	4	4	4	4	1	1*		4	2	1	2		
Chromium sulfate	1	2			1	2			2				1	1		2					

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		FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ				
		A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S				
Chemical or Media		Dynamic and Static																	Static				
Citric acid	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1
Cobalt chloride	1	1	1	1	1	1	2	1	1	3	3	1	1	1	2	1	1	1	2	1	1	1	2
Coconut oil	1	1	4	3	1	3	1	3	1	1	3	4	1	1	1	1	1	1	1	1	1	3	1
Cod liver oil	1	1	4	2	1	1	1	1	1	1	1	4	1	1	3	1	1	3	1	1	2	2	1
Coffee	1	1	1	1	1	1	4	1	2	4	4	3	1	1	3	2	1	1	1	1	1	1	1
Coke oven gas	1	1	4	4	1	4	4	4	4	4	4	4	1	1	1	4	4	4	4	4	2	4	2
Coliche liquors	1		2	1	1	2		2	2			1	1										
Coolanol	1	1	4	1	1	4		4	1	4	4	4	1	1		1					2	2	4
Copper acetate	1	4	4	2	1	1	3	1	2	4	4	1	1	4	4	2					4	4	4
Copper carbonate	1		1		1			1	1			3	1	1		1					1		
Copper chloride	1	1	1	2	1	1	2	1	1	3	3	3	1	1	2	1					1	2	1
Copper cyanide	1	2	1	1	1	1		1	1	1	1	1	1	1		1					1	1	1
Copper salts	1	1	1	1	1	1		1	1	1	1	1	1	1		1					1	1	1
Copper sulfate, 10%	1	1	2	1	1	1	2	2	1	4	3	3	1	1	2	1					1	1	1
Copper sulfate, 50%	1	1	2	1	1	1		2	1	4	3	2	1	1		1					1	1	1
Copper sulfide	1		1		1			1	1			3	1	1							1		
Corn oil	1	1	4	3	1	3	1	3	1	1	1	4	1	1	1	1					1	3	1
Cottonseed oil	1	1	4	3	1	3	1	3	1	1	1	4	1	1	1	1					1	3	1
Creosote (coal tar)	1	1	4	2	1	4	4	4	1	1	3	4	1	1	4	1					1	4	4
Creosote (wood tar)	1	1	4	2	1	4	4	4	1	1	3	4	1	1	4	2					1	4	4
Cresol (Cresylic acid)	1	1	4	4	1	4	4	4	4	4	4	4	1	1	4	2					2	4	4
Crotonaldehyde	1		4	1	1	2		1	2			4	1	2							2		
Crotonic acid		See Methyl acrylic acid																					
Crude oil	1	1	4	4	1	4	1	4	2	1		4	1	1	1	1					2	4	4
Cumene (Isopropyl benzene)		See Isopropyl benzene																					
Cupric chloride (Copper chloride)		See Copper chloride																					
Cutting oil	1	1	4	2	1	4		4	1	1	1	4	1	1		1					1	2	4
Cyclohexane	1	2	4	3	1	4	1	4	1	2	1	4	1	1	3	1					1	4	4
Cyclohexanol	1	1	4	2	1	4	4	4	2	4	4	4	1	1	3	2					1	3	4
Cyclohexanone	1	3	4	4	1	2	4	2	4	4	4	4	1	4	4	4					4	4	4
Cyclopentane	1		4	1	1	4	4	4	4			4	1	1							4		
Cymene (Isopropyltoluene)	1		4	4	1	4	4	4	4	4	4	4	1	1	4	4					2	4	4
Decahydronaphthalene	1		4	4	1	4	4	3	4	4	4	4	1	1*	4	4					2	4	4
Decalin		See Decahydronaphthalene																					
Decanal	1		4		1	4		1	4			4	1	4							4		
Decane	1	1	4	3	1	4	1	4	1	1	2	4	1	1	3	1					1	3	2
Decanol (Decyl alcohol)	1		1	4	1			1	1			1	1	2							1		
Denatured alcohol	1	1	1	1	1	1	1	1	2	4	4	1	1	1	1	2					1	1	1
Detergent solution	1	1	2	2	1	1	2	1	1	4	4	2	1	1	1	1					1	2	1
Developing fluid (photographic)	1	1	2	1	1	2		2	1			1	1	1		1					1	1	1
Dextron	1	1	4	2	1	4		4	1	1	2	4	1	1	1	1					2	4	4
Dextrose	1	1	1	1	1	1	1	1	1	1	4	4	1	1	1	1					1	1	1
Diacetone (Diacetone alcohol)	1	4	4	4	1	1	4	1	4	4	4	4	1	4	4	4					4	4	4
Diazinon	1		4	3	1	4		4	3			4	1	2							2	3	4
Dibenzyl ether	1	3	4	4	1	2	4	2	4	4	3	4	1	4	4	4					2	4	2
Dibenzyl sebacate	1	2	4	4	1	2		2	4	4	2	4	1	2	4	4					3	4	3
Dibromoethyl benzene	1	3	4	4	1	4	2	4	4	4	4	4	1	2		4					2	4	4
Dibutyl amine	1	2	4	3	1	4	4	4	4	4	4	4	1	4	4	4					4	4	3
Dibutyl ether	1	4	4	4	1	3	4	3	4	3	2	4	1	3	4	4					3	4	4
Dibutyl phthalate (DBP)	1	2	4	4	1	2	2	3	4	4	3	4	1	3	4	4					3	4	2
Dibutyl sebacate (DBS)	1	2	4	4	1	2	3	2	4	4	4	4	1	2	4	4					2	4	2
Dichloro isopropyl ether	1	3	4	4	1	3		4	4	3	2	4	1	3		4					3	4	4
Dichloroacetic acid	1		4	4	1	1		3	4		4	2	1	4							4		
Dichlorobenzene	1		4	4	1	4	4	4	4	4	4	4	1	1*	4	4					2	4	4
Dichlorobutane	1	1	4	4	1	4		4	2	4	4	4	1	1		2					2	4	4
Dichlorodifluoromethane	1	2	1	1	1	2	1	2	1	1	2	2	1	2	1	1					2	1	4
Dichloroethyl ether	1		4		1	4		4	4			4	1								4		
Dichloroethylene	1		4	4	1	4		4	4			4	1	2							3		4
Dichlorofluoromethane	2		4	2	1	4	2	4	4	4	4	4	1	4	4	4					4	4	4

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Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S	
Dichlorotetrafluoroethane	2		1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	4	
Dicyclohexylamine	1	3	4	4	1	4	4	4	3	4	4	4	1	4	4	3	4	4	4	
Diesel oil		See Fuel oil																		
Diester synthetic lubricant	1	1	4	4	1	4		4	2	2	4	4	1	1		2	2	4	4	
Diethanol amine (DEA)	1		2	1	1			1	2				2	1					3	
Diethyl amine	1		3	3	1	3	4	3	3	4	3	3	1	4	4	3	4	3	3	
Diethyl benzene	1		4	4	1	4		4	4		4	4	1	1*			2	4	4	
Diethyl carbonate	1			4	1				4					1						
Diethyl ether		See Ether																		
Diethyl phthalate (DEP)	1		4	4	1			1	4				4	1	3				4	
Diethyl sebacate	1	2	4	4	1	3		2	3	4	4	4	1	2*	4	3	2	4	2	
Diethylene ether (Dioxane)		See Dioxane																		
Diethylene glycol (Digol)	1	1	3	1	1	1	2	1	1	4	4	2	1	1	1	1	1	1	2	
Diethylene triamine	1				1				2					1						
Difluorodibromomethane	1		4	4	1	2		2	4	4	4	4	1				4	4	4	
Diisobutyl ketone	1		4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4	
Diisobutylene	1		4	4	1	4	2	4	2	4	4	4	1	1	4	3	3	4	4	
Diisodecyl adipate (DIDA)	1		4		1			1	4				4	1	3				4	
Diisodecyl phthalate (DIDP)	1		4	4	1	1		1	4				4	1	3				4	
Diisooctyl adipate (DIOA)	1		4		1			1	4				4	1	3				4	
Diisooctyl phthalate (DIOP)	1		4		1			1	4				4	1	3				4	
Diisooctyl sebacate (DIOS)	1		4	4	1	3		4	3	4	4	4	1	2	4		3	4	3	
Diisopropyl amine			2		1			1	2				2	1					3	
Diisopropyl benzene	1		4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	3	
Diisopropyl ketone	1		4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4	
Dimethyl amine (DMA)	1		4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4	
Dimethyl aniline	1		4	4	1	3	4	3	3	4	4	4	1	4	4	4	4	4	4	
Dimethyl ether	1	4	4	3	1	3	4	3	2	4	4	4	1	2	4		1	4	1	
Dimethyl formamide (DMF)	1	1	4	4	1	3	4	3	2	4	4	4	1	4	4	2	4	4	2	
Dimethyl ketone (Acetone)		See Acetone																		
Dimethyl phthalate	1	2	4	4	1	2	4	2	4	4	4	4	1	2	4	4	2	4	1	
Dimethyl sulfate			4		1			3	4				4	1	2*				4	
Dimethyl sulfide			4		1			3	4				4	1					4	
Dinitrotoluene (DNT)	1	4	4	4	1	4		4	4	4	4	4	1	3		4	4	4	4	
Diocetyl phthalate (DOP)	1	2	4	4	1	2	3	2	3	4	3	4	1	2	3	3	2	4	3	
Diocetyl sebacate	1	1	4	4	1	2	3	2	4	4	2	4	1	2	4	4	3	4	3	
Dioxane	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	3	4	4	4	
Dioxolane	1	4	4	4	1	2	4	3	4	4	4	4	1	4	4	4	4	4	4	
Dipentene (Limonene)	1	3	4	4	1	4	4	4	2	4	4	4	1	1	4	2	3	4	4	
Diphenyl (Phenylbenzene)		See Phenylbenzene																		
Diphenyl oxide (Phenyl ether)		See Phenyl ether																		
Dipropyl ketone (Butyrene)		See Butyrene																		
Dipropylamine	1		2		1			1	2				2	1					3	
Dipropylene glycol	1		1		1			1	1				1	1	1	1			1	
Divinyl benzene (DVB)	1	3	4	4	1	4	4	4	4	4	3	4	1	2	3		3	4	4	
Dodecyl benzene (Alkane)		See Alkane																		
Drinking water		See Water, potable																		
Dry cleaning fluids	2	3	4	4	1	4	4	4	3	4	4	4	1	1	4	3	2	4	4	
DTE light oil	1	1	4	2	1	4		4	1	1	2	4	1	1	1	1	1	4	4	
Epichlorohydrin	2	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4	
Epoxy resin	1	2	1	1	1	1		1	3					1	4				3	
Epsom salts		See Magnesium sulfate																		
Ethanal (Acetaldehyde)		See Acetaldehyde																		
Ethane	1		4	2	1	4	1	4	1	1	3	4	1	1	3	1	2	2	4	
Ethanethiol (Ethyl mercaptan)		See Ethyl mercaptan																		
Ethanol	1	1	1	1	1	2	1	2	4	4	1	1	1*	2	2		1	1	1	
Ethanol amine	1	1	2	2	1	2	2	2	2	4	3	2	1	4	4	2	4	3	2	
Ether	1	4	4	3	1	3	3	4	3	3	3	4	1	3	4	3	3	4	4	
Ethyl acetate	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	2	

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		A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Chemical or Media		Dynamic and Static																	Static		
Ethyl acetoacetate	1		3	4	1	2	4	2	4	4	4	3	1	4	4	4		4	4	2	
Ethyl acrylate	1	3	4	3	1	3	4	2	4	4	4	4	1	4	4	4		4	4	2	
Ethyl acrylic acid	1		4	2	1	2		2	4	4	4	4	1					4	4	4	
Ethyl alcohol		See Ethanol																			
Ethyl aluminium dichloride	1		4		1			4	4			4	1	2					4		
Ethyl amine (Monoethylamine)	1		3	3	1	1		2	3			3	1	4					3		
Ethyl benzene	1	2	4	4	1	1	4	4	4	4	4	4	1	1	4	4		1	4	4	
Ethyl benzoate	1	3	3	4	1	4	4	4	4	4	4	4	1	1	4	4		1	4	4	
Ethyl bromide (Bromoethane)	1	1	3	4	1	4	2	4	2	4	3	4	1	1	4	2		1	4	4	
Ethyl butyl acetate	1		4		1			2	4			4	1	4					4		
Ethyl butyl alcohol	1		1	2	1	3		2	1	4	4	1	1	1				1	2	2	
Ethyl butyl ketone	1		4		1			2	4			4	1	4					4		
Ethyl butyraldehyde	1		4		1			1	4			4	1	4					4		
Ethyl butyrate	1			4	1	4			4				1	3							
Ethyl cellosolve	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4		4	4	4	
Ethyl cellulose	1		2	2	1	2		2	2	4	2	2	1	4	4			4	2	2	
Ethyl chloride	1	2	3	2	1	2	2	1	1	3	2	1	1	1	4	1		1	4	4	
Ethyl chlorocarbonate	1	2	4	4	1	4		4	4	4	4	4	1	1		4		2	4	4	
Ethyl chloroformate	1	2	4	4	1	4		4	4	4	4	4	1	1				2	4	4	
Ethyl cyanide (Propionitrile)		See Propionitrile																			
Ethyl cyclopentane	1	2	4	3	1	4		4	1	2	1	4	1	1		1		1	4	4	
Ethyl ether (Ether)		See Ether																			
Ethyl formate	2	2	4	2	1	2	4	2	4	4	4	4	1	1	4	4		1	2	4	
Ethyl hexanol	1	1	2	1	1	1	2	1	1	4	4	2	1	1	1			1	1	2	
Ethyl hexyl acetate	1		4		1			2	4			4	1	4					4		
Ethyl hexyl alcohol	1	1	2	1	1	1	2	1	2	4	4	2	1	1	1			2	1	2	
Ethyl iodide			4	1	1			4	4			4	1	2					1		
Ethyl mercaptan (Ethanethiol)	1	1	4	3	1	3	4	4	4	4	4	4	1	1*	4	4		3	2	3	
Ethyl oxalate	1	1	1	3	1	1	4	1	4	4	4	3	1	1	4	4		2	4	4	
Ethyl pentachlorobenzene	1		4	4	1	4	3	4	4	4	4	4	1	1*				2	4	4	
Ethyl silicate	1	1	2	1	1	1	1	1	1	4	4	2	1	1	4	1		1	2	1	
Ethyl sulfate	1	1	4		1	1		3	4			4	1	2*					4		
Ethylene (Ethene)	1	2	3	3	1	2	1	2	1	1	2	3	1	1	3	1		1	3	4	
Ethylene alcohol	1	1	1	1	1	1	1	1	1	4	3	3	1	1	1	1		1	1	1	
Ethylene bromide	1		4	4	1	4		4	4	4	4	4	1	1*				3	4	4	
Ethylene chloride	1	2	4	4	1	4	4	4	4	4	4	4	1	1*	4	4		3	4	4	
Ethylene chlorohydrin	1	1	2	2	1	2	4	2	4	4	4	2	1	1	4	4		2	2	3	
Ethylene diamine	2	2	2	1	1	1	1	1	1	4	4	1	1	4	4	1		4	2	1	
Ethylene dibromide		See Ethylene bromide																			
Ethylene dichloride		See Ethylene chloride																			
Ethylene glycol	2	1	1	1	1	1	2	1	2	4	4	2	1	1*	1	2		1	1	1	
Ethylene oxide (ETO)	1	3	4	4	1	3	4	3	4	4	4	4	1	4	4	4		4	4	4	
Ethylene trichloride	1	4	4	4	1	3	4	3	4	4	4	4	1	1*	4	4		3	4	4	
Ethyne (Acetylene)	1	1	2	2	1	1	2	1	1	4	4	2	1	1	1			1	2	2	
Fatty acids	1	1	4	2	1	3		3	2			4	1	1	1	2			3	3	
Ferric chloride	1	1	1	2	1	1	1	1	1	3	3	3	1	1	2	1		1	2	2	
Ferric hydroxide	1		2		1			1	2			4	1	4					2		
Ferric nitrate	1	1	2	2	1	1	1	1	1	3	3	3	1	1	2	1		1	1	2	
Ferric sulfate	1	1	2	2	1	1	2	1	1	3	3	3	1	1	2	1		1	1	1	
Ferrous chloride	1	1	1	2	1	1	1	1	1	3	3	3	1	1	2	1		1	2	2	
Ferrous sulfate	1	1	2	2	1	1	1	1	1	3	3	3	1	1	2	1		1	1	2	
Fish oil	1	1	4	3	1	4	1	4	1	1	2	4	1	1	3	1		1	4	1	
Fluoboric acid (Fluoroboric acid)	1		2	1	1	1	1	1	1			1	1	2*				1	1		
Fluorine	2		4	3	4	3	4	3	4	4	4	4	3	2*	4	4		2	4	4	
Fluorobenzene	1		4	4	1	4	2	4	4	3	4	4	1	3	4	4		2	4	4	
Fluorochloroethylene								3	4												
Fuorol (Sodium fluoride)		See Sodium fluoride																			
Fuorolube (Fluorocarbon oils)	2	2	4	1	1	1		1	1				1	2		1		2	1	1	
Fluosilicic acid	1	1	3	2	1	2		2	2			1	1	2*	2	2		4	1	4	

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		FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ		
Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Hexane (n-Hexane)		See n-Hexane																			
Hexanedioic acid (Adipic acid)		See Adipic acid																			
Hexanol	1	2	2	1	3	2	2	2	4	4	2	1	1	1	2		1	2	3		
Hexone (MIBK)		See Methyl isobutyl ketone																			
Hexyl alcohol		See Hexanol																			
Hexylene (n-Hexene)		See n-Hexene																			
Hexylene glycol (Brake fluid)		See Brake fluids																			
Hydraulic oil (petroleum base)	1	1	4	2	1	4	1	4	1	1	1	4	1	1	1	1	1	2	2		
Hydrazine (Diamine)	2	2*	2	2	1	1		1	2		4		1	4			4	2	2		
Hydrazine, anhydrous	2	2*	1	2	1	2	4	2	4	4	4	4	1	4	1	1	4	2			
Hydrobromic acid	1	1	4	3	1	1	4	1	4	4	4	1	1	1	4	4	3	1	4		
Hydrochloric acid, 3 molar	1	1	3	3	1	1	4	1	3	3	4	3	1	1*	3		2	2	4		
Hydrochloric acid, 37% (cold)	1	1	3	3	1	2	4	2	3	4	4	2	1	1*	3	3	2	2	4		
Hydrochloric acid, 37% (hot)	1	1	4	4	1	3	3	3	4	4	4	3	1	1*	3	3	3	4	4		
Hydrochloric acid, concentrated	1	1	4	4	1	2	4	3	4	4	4	4	1	1*	4	3	3	4	4		
Hydrocyanic acid	1	1	2	2	1	1	2	1	2	4	4	2	1	1*	3	2	2	1	3		
Hydrofluoric acid, concentrated	1	2	3	3	1	3	4	2	4	3	4	3	1	2*	4	4	4	2	4		
Hydrofluosilicic acid	1	1	2	2	1	1		1	2		4	1	1	1*	2		4	1	4		
Hydrogen bromide	1	2	4	3	1	2	4	1	4	4	4	2	1	2*	4		3	1	4		
Hydrogen chloride	1	1	2	4	1	1		1	4			2	1	1					1		
Hydrogen fluoride (HF)	1	2	4	4	1	4	4	4	4	4	4	4	1	2*	4	4	4	3	4		
Hydrogen fluoride, anhydrous	1	2	4	4	1	2	4	3	4	4	4	4	1	3	4	4	4	3	4		
Hydrogen gas	1	1	2	1	1	1	1	1	1	2	1	2	1	1	1	1	3	1	3		
Hydrogen peroxide, 30%	1	1	2	1	1	1	1	1	2	4	4	2	1	1	4	2	1	2	1		
Hydrogen peroxide, 90%	1*	1	4	4	1	3	2	3	3	4	4	4	1	1	4	3	2	3	2		
Hydrogen sulfide	1	1	3	2	1	1	2	1	4	4	4	4	1	3	4	3	3	2	3		
Hydrolube (water/ethylene glycol)	1	1	1	2	1	1		2	1	4	4		1	1			2		2		
Hydroquinone	2		4	4	1	4		4	3	4		2	1	3		4	2	4	3		
Hydroxyacetic acid	1		1	2	1	2		1	1			2	1	1*			1	1	1		
Hypochlorous acid	1		4	4	1	2	2	2	4	4		2	1	3					3		
Iodine	1	2	2	4	1	2	2	2	2	4	4	4	1	1	2	1	1	2	3		
Iodine pentafluoride	2*	4	4	4		4	4	4	4	4	4	4		4	4	4	4	4	4		
Iodoform			4	4	1			1					1	2*							
Iso-butane	1		4		1			4	1			4	1	1					4		
Iso-octane		See Trimethylpentane																			
Isoamyl acetate	1	4	4	4	1	2		2	4			4	1	4					4		
Isoamyl alcohol	1	1	1	1	1	1		1	1			1	1	1					1		
Isoamyl butyrate	1		4		1			3	4			4	1	4					4		
Isoamyl chloride	1		4	4	1	4		3	4			4	1	2					4		
Isobutyl alcohol (Isobutanol)	1	1	2	1	1	1	2	1	2	4	4	2	1	1	2	2	2	1	1		
Isobutyl amine	1		2		1			1	2			2	1	4					3		
Isobutyl chloride	1	2	4	4	1	2		4	3			4	1	1		4	2	4	1		
Isobutyric acid	1	3		3	1	1			3				1	4		2					
Isododecane	1	1	4	2	1	4		4	1	4		4	1	1	1	1	1	2	4		
Isopentane	1		4		1			4	1			4	1	1					4		
Isophorone (Ketone)	1	2	4	4	1	1	4	1	4	4	4	4	1	4	4	4	4	4	4		
Isopropanol (Isopropyl alcohol)	1	1	2	2	1	1	2	1	2	4	4	1	1	1	3	2	2	1	1		
Isopropyl acetate	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Isopropyl alcohol (IPA)		See Isopropanol																			
Isopropyl amine	1		2		1			1	2			2	1	4					3		
Isopropyl benzene	1	3	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Isopropyl chloride	1	4	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Isopropyl ether	1	4	4	3	1	4	4	4	3	3	3	4	1	4	4	3	3	3	4		
Isopropyl toluene (Cymene)		See Cymene																			
Kel F liquids	2	3	1		1	1		1	1				1	2			2	1	1		
Kerosene (Kerosine)	1	2	4	3	1	4	2	4	1	2	1	4	1	1	3	2	1	3	4		
Lacquer solvents	1	4	4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4		
Lacquers	1	4	4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4		

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Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S	
Lactams (Amino acids)	1	3	4	2	1	2		2	4			4	1	4		4	4	2		
Lactic acid (cold)	1	1	1	1	1	1		1	1	4	1	1	1	1	4	1	1	1	2	
Lactic acid (hot)	1	1	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	3	2	
Lard		See Animal fats																		
Lauryl alcohol (n-Dodecanol)	1		1	1	1	2		1	1			1	1	2				2		
Lavender oil	1	1	4	4	1	4	3	4	2	2	4	4	1	1	4	3	2	4	4	
Lead acetate	1	4	4	2	1	1	2	1	3	4	4	2	1	4	4	2	4	4	4	
Lead chloride	1			2	1															
Lead chromate	1				1								1							
Lead nitrate	1	2	1	1	1	1	2	1	1	4	4	1	1	1	2	1	1	2	4	
Lead sulfamate	1		2	1	1	1		1	2	4		2	1	1			1	1	2	
Light grease	1	2	4	4	1	4	1	4	1	1	1	4	1	1	1	1	1	4	4	
Ligroin (Nitrobenzene)		See Benzene																		
Lime bleach	1	1	2	2	1	1	2	1	1	4	4	2	1	1	2	1	1	2	2	
Lime sulfur	1	1	4	1	1	1		1	4	4		4	1	1	1		1	1	1	
Limonene (Dipentene)		See Dipentene																		
Lindol (Tritolyl phosphate)	1	1	4	4	1	1	4	1	4	4	4	4	1	2	4	4	3	4	3	
Linoleic acid	1	1	4	3	1	4	2	4	2	4	3	4	1	2	4	2	2	4	2	
Linseed oil	1	1	4	3	1	3	1	3	1	1	2	4	1	1	3	1	1	3	1	
Liquefied petroleum gas (LPG)	1		4	2	1	4	1	4	1	3	1	4	1	1	4	2	3	4	3	
Liquid oxygen	4	4	4	4	1*	4	4	4	4	4	4	4	1	4	4	4	4	4	4	
Liquimoly	1	1	4	2	1	4		4	1	1	2	4	1	1		1	1	4	4	
Lithium bromide	1	1	1	2	1	1		1	1		1	2	1	1			1	1	1	
Lithium chloride	1	1	1	2	1	1		1	1		1	2	1	1			1	1	1	
Lithium hydroxide	1				1								1							
Lithophone	1				1								1							
Lubricating oil (di-ester base)	1	2	4	3	1	4	2	4	2	2	4	4	1	1	1		2	4	4	
Lubricating oil (petroleum base)	1	1	4	2	1	4	1	4	1	1	2	4	1	1	1	1	1	4	4	
Lye solution	1	2	2	2	1	1	2	1	2	4	4	2	1	2*	4	2	2	1	2	
Magnesium acetate	1		4		1			2	4			4	1	4				4		
Magnesium chloride	1	1	1	2	1	1	2	1	1	4	3	1	1	1	2	1	1	1	1	
Magnesium hydroxide	1	1	2	2	1	1	1	1	2	4	4	2	1	1*	1	2	2	1	3	
Magnesium salts	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	
Magnesium sulfate	1	1	2	2	1	1	2	1	1	4	4	2	1	1	2	1	1	1	1	
Malathion	1		4	3	1	4		4	2			4	1	1			2		4	
Maleic acid	1	1	4	4	1	4		4	4	4	3	4	1	1	1	4		4	3	
Maleic anhydride	1	1	4	4	1	4		4	4	4		4	1	1	4	4		4		
Malic acid (Apple acid)	1	1	2	2	1	4		4	1	4		1	1	1	1	1	1	2	2	
Managanese (II) chloride	1				1				1				1							
Manganese carbonate	1				1								1							
Manganese sulfate	1		1		1			1	1			3	1	1					1	
Mercuric chloride	1	1	1	2	1	1	1	1	1			1	1	1	1	1	1	1	3	
Mercuric cyanide	1	1		2	1	1			2				1	1						
Mercurous nitrate	1	1		2	1	1			2				1	1						
Mercury	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Mesityl oxide	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4	
Methacrylacid methylester	1		4	4	1	2		2	4	4	4	4	1	4				4	4	
Methacrylic acid	1	2		2	1	2			4				1	3		4		4	4	
Methane	1	2	4	2	1	4	1	4	1	1	3	4	1	1	2	1	2	2	4	
Methanol (Methyl alcohol)	1	1	1	1	1	1	2	1	2	4	4	1	1	1*	1	1	2	1	2	
Methyl acetate	1	4	4	3	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4	
Methyl acetoacetate	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	3	
Methyl acrylate	1	4	4	2	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4	
Methyl acrylic acid (Crotonic acid)	1		4	2	1	2		2	4	4	4	4	1	3	4		4	4	4	
Methyl alcohol (Methanol)		See Methanol																		
Methyl amine	1		2	2	1	2		1	4			2	1	2*					1	
Methyl amyl acetate	1				1				1				1	4						
Methyl amyl alcohol	1		1		1			1	1			1	1	4					1	

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		A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Chemical or Media		Dynamic and Static																	Static		
Methyl benzoate	1	1	4	4	1	4	4	4	4	4	4	1	1	4	4	1	4	4			
Methyl bromide	1	2	4	4	1	4	4	4	2	3	4	4	1	1	3	2	1	4	3		
Methyl butyl ketone	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	3		
Methyl butyrate	1			4	1	4			4			1									
Methyl carbonate	1	1	4	4	1	4		4	4	4	4	4	1	1		4	2	4	4		
Methyl cellosolve	1	1	4	3	1	2	4	2	3	4	4	4	1	4	4	4	4	4	4		
Methyl cellulose	1	1	2	2	1	2		2	2	4	2	2	1	4	1	2	4	2	2		
Methyl chloride	1	4	4	4	1	3	4	3	4	4	4	4	1	2	4	4	2	4	4		
Methyl chloroformate	1	1	4	4	1	4		4	4	4	4	4	1	1		4	2	4	4		
Methyl cyanide (Acetonitrile)	1	1		1	1	1			2				1	1		2	1				
Methyl cyclopentane	1	4	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Methyl dichloride	1		4	4	1	3	4	3	4	4	4	4	1	1	4		2	4	4		
Methyl ether	1	4	2	3	1	2	4	2	2	4	4	3	1	1	4	1	1	4	1		
Methyl ethyl ketone (MEK)	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Methyl ethyl ketone peroxide	1	4	4	4	1	3	4	3	4	4	4	4	1	4	4	4	4	4	2		
Methyl formate	1	4	4	2	1	2	4	2	4	4	4	4	1	3	4	4	4	2	3		
Methyl glycol acetate	1		2	3	1	1		2	4	4	4	3	1	4				2	2		
Methyl iodide	1			4	1	1			4				1								
Methyl isobutyl ketone (MIBK)	1	4	4	4	1	3	4	3	4	4	4	4	1	4	4	4	4	4	4		
Methyl isopropyl ketone	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Methyl mercaptan	1				1	1		1					1								
Methyl methacrylate (MMA)	1	3	4	4	1	3	4	3	4	4	4	4	1	4	4	4	4	4	3		
Methyl oleate	1	2	4	4	1	2	4	2	4	4	4	4	1	1	4	4	2	4	3		
Methyl phenyl ether (Anisole)	1		4	4	1				4			4	1	3							
Methyl propyl ketone	1		4	4	1	2		2	4			4	1	4				4			
Methyl salicylate	1	3	3	4	1	2	4	2	4	4	4	3	1	4	4	4	4	4	3		
Methylene bromide	1		4	4	1			4	4			4	1	2				4			
Methylene chloride	1	2	4	4	1	4	4	4	4	4	4	4	1	2	4	4	2	4	4		
Methylene dichloride	1	2	4	4	1	4	4	4	4	4	4	4	1	2	3		2	4	4		
MIL- spec fluids		Contact technical department																			
Milk				1*	1*	1*			1*			1*	1*	1*					1*		
Mineral oil	1	1	4	2	1	3	1	3	1	1	1	4	1	1	2	1	1	2	2		
Monobromo benzene	1	2	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Monochloro acetic acid	1		4	4	1	2	4	3	4	4	4	4	1	4	4	4	4	4	4		
Monochloro acetone	1		4	2	1	1	4	2	4	4	4	3	1	4	4	4	4	3	4		
Monochloro benzene	1	4	4	4	1	4	4	4	4	4	4	4	1	1*	4	4	2	4	4		
Monoethanolamine (MEA)	1	1	2	4	1	2	4	2	4	4	4	2	1	4	4	4	4	4	2		
Monoethylamine (Ethyl amine)		See Ethyl amine																			
Monomethyl amine (MMA)	1				1								1								
Monomethyl aniline	1	2	4	4	1	2	4	2	4	4	4	4	1	2	4	4	2	4	2		
Monomethyl hydrazine	1	1	2	2	1	1		1	2				1		2			2	4		
Monovinyl acetylene	1	2	2	2	1	1		1	1			2	1	1	1			2	2		
Morpholine	1		4	2	1	2	4	2	4	4	4	4	1	1	4	4	4	2	4		
Mustard gas	1		3	3	1	3		1				3	1	1			1	1	1		
n-Dodecanol (Lauryl alcohol)		See Lauryl alcohol																			
n-Heptane	1	3	4	2	1	4	1	4	1	1	1	4	1	1	3	2	1	2	4		
n-Hexaldehyde	1		4	1	1	1	4	2	4	4	3	4	1	4	4	4	4	3	2		
n-Hexane	1	2	4	2	1	4	1	4	1	1	2	4	1	1	1	2	1	2	4		
n-Hexanol	1		2	2	1	3	2	3	1	4	4	2	1	1	4	2	2	2	2		
n-Hexene (Hexylene)	1	3	4	2	1	4	2	4	2	1	2	4	1	1	3	2	1	2	4		
n-Octane	1		4	4	1	4	2	4	2	4	4	4	1	1	3	2	2	4	4		
n-Pentane	1		3	2	1	4	1	4	1	1	4	4	1	1	3	1	3	2	4		
n-Propyl acetate (Propyl acetate)		See Propyl acetate																			
n-Propyl acetone	1		4	4	1	1	4	1	4	4	4	4	1	4	4		4	4	4		
n-Propyl nitrate (NPN)		See Propyl nitrate																			
Naphtha	1	2	4	4	1	4	1	4	2	2	2	4	1	1	4	2	2	4	4		
Naphtha coal tar (Benzol)		See Benzene (benzol)																			
Naphthalene (Tar camphor)	1	2	4	4	1	4	4	4	4	4	3	4	1	1	4	4	1	4	4		

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		FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ		
Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Naphthenic acid	1	1	4	4	1	4	2	4	2	4	4	4	1	1	4	3	1	4	4		
Natural gas	1	1	3	2	1	4	1	4	1	2	2	2	1	1	2	1	2	2	4		
Neatsfoot oil	1	1	4	4	1	2	1	2	1	1	1	4	1	1	3	1	1	4	2		
Neohexane	1		4	2	1	4		4	1	1	4	4	1	1*	2		1	4	4		
Neon	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Neville acid	1	1	4	4	1	2		2	4	4		4	1	1		4	2	4	4		
Nickel acetate (Diacetate)	1	4	4	2	1	1	3	1	3	4	4	3	1	4	4	2	4	4	4		
Nickel chloride	1	1	2	2	1	1	2	1	1	3	3	3	1	1	2	1	1	1	1		
Nickel nitrate (Dinitrate)	1	1	1	1	1	1		1	1			1	1	1							
Nickel salts	1	1	2	2	1	1	2	1	1	3	3	2	1	1	2	1	1	1	1		
Nickel sulfate	1	1	2	2	1	1	2	1	1	4	3	3	1	1	2	1	1	1	1		
Niter cake	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1		
Nitric acid (3 molar)	1	2	4	4	1	2	4	1	4	4	4	4	1	1*	4	3	3	4	4		
Nitric acid (concentrated)	1	2	4	4	1	4	4	1	4	4	4	4	1	1*	4	4	3	4	4		
Nitric acid (red fuming) (RFNA)	2*	3	4	4	1	4	4	2	4	4	4	4	1	3	4	4	4	4	4		
Nitrobenzene	1	1	4	4	1	4	4	4	4	4	4	4	1	2	4	4	4	4	4		
Nitrobenzine (Ligroin)		See Benzene																			
Nitroethane	1	2	2	2	1	2	4	2	4	4	4	2	1	4	4	4	4	2	4		
Nitrogen	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Nitrogen tetroxide	1*	3	4	4	1	4	4	3	4	4	4	4	1	4	4	4	4	4	4		
Nitromethane	1	3	3	3	1	2	4	2	4	4	4	2	1	4	4	4	4	2	4		
Nitropropane	1	2	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Nitrous acid	1				1								1								
o-Chloronaphthalene	1		4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
o-Cresol (Cresylic acid)		See Cresylic acid																			
o-Dichlorobenzene		See Dichlorobenzene																			
Octachlorotoluene	1		4	4	1	4		4	4	4	4	4	1	1			2	4	4		
Octadecane	1	1	4	2	1	4		4	1	2	1	4	1	1			1	2	4		
Octanol (Octyl alcohol)	1	1	2	2	1	1	2	2	2	4	4	2	1	1	2	2	2	2	2		
Octyl acetate	1		4		1			2	4			4	1	4				4			
Octyl alcohol (Octanol)		See Octanol																			
Oleic acid	1	1	4	4	1	4	2	4	3	4	3	4	1	1*	4	4	2	4	4		
Olein (Triolene)														4							
Oleum (fuming sulfuric acid)	1	1	4	4	1	4	4	4	4	4	4	4	1	1*	4	3	4	4	4		
Olive oil	1	1	4	2	1	2	2	2	1	1	1	4	1	1	3	1	1	2	1		
Orthochloroethylbenzene	1	4	4	4		4		4	4	4	4	4		1		4	2	4	4		
Oxalic acid	1	1	2	2	1	1	3	1	2	4	4	2	1	1	4	2	1	2	2		
Oxygen (100 to 200 deg C.)	1	2	4	4	1	4	4	4	4	4	4	4	1	2		3	4	4	2		
Oxygen (below 100 deg C.)	1	1	4	1	2	1	2	1	2	2	1	2	1	1	1	1	1	1	1		
Ozone (50 PPHM)	1	1	4	2	1	1	1	1	2*	1	1	4	1	1	1	1	1	1	1		
Paint thinner (Duco)	1	2	4	4	1	4	4	4	4	4	4	4	1	2	4	4	3	4	4		
Palmitic acid	1	1	3	2	1	2	2	2	2	4	3	3	1	1	4	1	1	3	4		
Par-al-ketone	1	4	4	4	1	4		4	4	4	4	4	1	4			4	4	4		
Para-dichlorobenzene	1	3	4	4	1	4		4	4	4	4	4	1	1*		4	2	4	4		
Paraffins	1		4	1	1	4	1	4	1	1	1	4	1	1	1	1	1	1	1		
Paraldehyde	1			2	1	1		1	4			3	1	4							
Peanut oil	1	1	4	3	1	3	1	3	1	1	2	4	1	1	3	1	1	3	1		
Penicillin	1			1	1								1	1							
Pentachloroethane (Pentalin)	1		4	4	1			4	4			4	1	1				4			
Pentachlorophenol (PCP)	1			4	1	4			4				1	1							
Pentane (Amyl hydride)	1		4	2	1	4		4	1	1	4	4	1	1			3	3	4		
Pentanol		See Amyl alcohol																			
Pentyl alcohol (Amyl alcohol)		See Amyl alcohol																			
Pentyl amine (Amyl amine)		See Amyl amine																			
Perchloric acid	1*	2	4	2	1	2	3	2	4	4	4	4	1	1		4	1	2	4		
Perchloroethylene (Perchlor)	1	4	4	4	1	4	3	4	3	4	4	4	1	1*	4	3	2	4	4		
Petrolatum	1	1	4	2	1	4	1	4	1	1	1	4	1	1	1	1	1	2	4		
Petroleum oil (above 125 deg C.)	1	1	4	4	1	4	2	4	4	4	4	4	1	1*	2	2	4	4	4		

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		A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Chemical or Media		Dynamic and Static																	Static		
Petroleum oil (below 125 deg C.)	1	1	4	2	1	4	1	4	1	2	2	4	1	1	1	1	2	2	2		
Petroleum oil, crude	1	1	4	2	1	4		4	1	1	1	4	1	1	1	1	1	2	4		
Phenol (Carbolic acid)		See Carbolic acid																			
Phenol sulfonic acid	1		4		1			3	4			4	1	2*				4			
Phenyl acetate	1		4	4	1	2			4			4	1	4							
Phenyl benzene	1	2	4	4	1	4	4	4	4	4	4	4	1	1*	4	4	2	4	4		
Phenyl ether (Diphenyl oxide)	1	2	4	4	1	4*	4	4	4	4	4	4	1	1	1	4	2	4	3		
Phenyl ethyl ether (Phenetole)	1	4	4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4		
Phenyl hydrazine	1	1	2	4	1	4		4	4	4		1	1	1		4	2	4	3		
Phenyl methyl ketone	1		4	4	1	1	4	1	4	4	4	4	1	4	4	4	4	4	4		
Phorone	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Phosgene	1			1	1	1		1	2				1	2			2				
Phosphate esters	1	2	4	4	1	1		1	4	4	4	4	1	1	4		3	4	4		
Phosphoric acid (3 molar)	1	1	2	3	1	1	3	3	4	3	4	2	1	1*	4	2	2	2	2		
Phosphoric acid (concentrated)	1	2	3	4	1	2	4	3	4	3	4	3	1	1*	4	3	2	3	3		
Phosphorus oxychloride	1			4	1				4				1								
Phosphorus trichloride	1	1	4	4	1	1	4	1	4	4	4	4	1	1	4	4	1	4	4		
Phthalic acid	1	2		2	1	2		1	3			4	1	2*				1			
Phthalic anhydride	1			4	1	1							1	2*							
Picric acid, H ₂ O solution	1	2	2	2	1	1	4	1	2	4	4	2	1	1	4	2	2	1	4		
Pine oil	1	1	4	3	1	4	2	4	2	4	3	4	1	1	4	2	1	4	4		
Pinene	1	1	4	3	1	4	2	4	2	4	3	4	1	1	4	2	1	4	4		
Piperidine	1		4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4		
Plating solution, chrome	1	1	4	4	1	1		2	4	4	4	4	1	1*		4	4	4	4		
Pneumatic service	1	1	4	1	1	1	1	1	1	4	1	4	1	1	1	1	4	1	4		
Potassium acetate	1	1	4	2	1	1	3	1	2	4	4	2	1	4	4	4	4	4	4		
Potassium bicarbonate	1			1	1				1				1	1		1					
Potassium bisulfate	1	1	1	2	1	1		1	1		4	1	1	1		1		1			
Potassium bisulfite	1	1	1	1	1	1		1	1			1	1	1		1		1			
Potassium bromide	1	1	1	2	1	1		1	1		4	1	1	1		1		1			
Potassium carbonate (Potash)	1	1	1	1	1	1		1	1			1	1	1		1	1	1	1		
Potassium chlorate	1	1	2	2	1	1		1	4		4	2	1	1				1			
Potassium chloride	1	1	1	1	1	1	2	1	1	3	3	1	1	1	2	1	1	1	1		
Potassium chromate	1	1	2	1	1	1	2	1	1	3	3	2	1	1	2		1	3	1		
Potassium copper cyanide	1	1	1	1	1	1	2	1	1	3	3	1	1	1	2	1	1	1	1		
Potassium cyanide	1	1	1	1	1	1	2	1	1	3	3	1	1	1	2	1	1	1	1		
Potassium dichromate	1	1	2	1	1	1	2	1	1	3	3	1	1	1	2	1	1	1	1		
Potassium ferricyanide	1				1				4					1							
Potassium ferrocyanide	1				1									1							
Potassium fluoride	1				1									1							
Potassium hydroxide, 50%	1	1	2	2	1	1	2	1	3	4	4	2	1	4	4	2	3	1	3		
Potassium hypochlorite	1				1									1							
Potassium iodate	1				1									1							
Potassium iodide	1	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1	1	1	1		
Potassium nitrate	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1	1		
Potassium nitrite	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1	1		
Potassium oxalate	1				1									1							
Potassium perchlorate	1	1	3	2	1	1	2	1	2	4	4	3	1	1	2	1	1	1	1		
Potassium permanganate	1		4	2	1	1	2	1	3	4	4	4	1	1	2	1	1	3	1		
Potassium persulfate	1		4	2	1	1	2	1	4	4	4	4	1	1	2	2	1	1	1		
Potassium phosphate	1	1		1	1	1			1				1	1							
Potassium salts	1	1	1	1	1	1		1	1	1	1	1	1	1		1	1	1	1		
Potassium silicate	1	1	1	1	1	1		1	1			1	1	1		1		1			
Potassium sulfate	1	1	2	2	1	1	2	1	1	4	3	2	1	1	2	1	1	2	1		
Potassium sulfide	1	1	1	1	1	1		1	1			1	1	1		1		1			
Potassium sulfite	1	1	2	2	1	1	2	1	2	4	4	2	1	1	2	1	1	1	1		
Potassium tartrate	1				1									1							

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		A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S	
Chemical or Media	G	Dynamic and Static																Static		
Sodium chromate	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1	1	3	1		
Sodium citrate	1			1								1								
Sodium cyanide	1	1	1	1	1	2	1	1	4	4	1	1	1*	2	1	1	1	1		
Sodium dichromate	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1	1	1	1		
Sodium ethylate	1			1								1								
Sodium ferricyanide	1			1								1								
Sodium ferrocyanide	1			1								1	1							
Sodium fluoride (Fluorol)	1	1		1	1			1				1	1							
Sodium hydrogen sulfate	1	1	2	1	1	1	1	1	4		2	1	1	1	1	1	1	1		
Sodium hydrogen sulfite	1	1	2	1	1	1	1	1	4	4	3	1	1	1	1	1	1	1		
Sodium hydroxide (Caustic soda)	1*	1	2	2	1	1	2	1	1	4	3	2	1	3	4	1	2	1		
Sodium hypochlorite, 20%	1	1	3	3	1	2	2	2	2	4	4	3	1	1	4	1	2	1		
Sodium hyposulfite	1	1	2	1	1	1	1	1	2	4	3	2	1	1	2		1	1		
Sodium iodide	1	1			1	1							1	1						
Sodium lactate	1				1			1				1								
Sodium metaphosphate	1	1	1	2	1	1		1	1			1	1	1		1	1	2		
Sodium metasilicate	1			1	1				1				1	1		1				
Sodium nitrate	1	1	2	2	1	1	2	1	2	4	4	2	1	1	2	1	1	1		
Sodium nitrite	1	1	2	2	1	1	2	1	2	4	4	2	1	1	2	1	1	1		
Sodium oleate	1				1								1							
Sodium oxalate	1	1			1	1			1				1	1						
Sodium perborate	1	1	3	2	1	1	2	1	2	4	4	3	1	1	2	1	1	2		
Sodium perchlorate	1				1								1							
Sodium peroxide	1	1	2	2	1	1		1	2	4	4	2	1	1		2	1	2		
Sodium persulfate	1	1			1	1							1	1						
Sodium phosphate (Di-basic)	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1		
Sodium phosphate (Mono-basic)	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1		
Sodium phosphate (Tri-basic)	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1		
Sodium pyrophosphate	1				1								1							
Sodium salts	1	1	1	2	1	1		1	1	1	1	1	1	1		1	1	1		
Sodium silicate	1	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1	1	1		
Sodium sulfate	1	1	3	2	1	1	2	1	1	4	3	2	1	1	2	1	1	1		
Sodium sulfide	1	1	2	1	1	1	2	1	2	4	3	2	1	2	4	1	2	2		
Sodium sulfite	1	1	2	1	1	1	2	1	1	4	1	2	1	1	4	1	1	1		
Sodium tartrate	1				1								1							
Sodium tetraborate	1			1	1				1				1	1		1		1		
Sodium thiosulfate	1	1	2	1	1	1	1	1	2	4	3	2	1	1	2	1	1	1		
Sour crude oil	2	2				4						4		4		2	4	4		
Sour natural gas	1	1	4			4						4		4		2	4	4		
Soybean oil	1	1	4	3	1	3	1	3	1	1	2	4	1	1	3	1	1	3		
Stannic chloride	1	2	1	3	1	1	2	2	1	4	4	1	1	1	2	1	1	4		
Stannic chloride, 50%	1	2	1	3	1	1	2	1	1	4	4	1	1	1	4	1	1	4		
Stannous chloride, 15%	1	1	1	2	1	1	2	1	1	4	4	1	1	1	4	1	1	1		
Starch	1	1	1	1	1	1	1	1	1	4	4	1	1	1	1	1	1	1		
Stauffer 7700	1	2	4	4	1	4		4	2	2		4	1	1*	2	2	4	4		
Steam (to 150 deg C.)	1	1	4	3	1	1	4	1	4	4	4	4	1	1*	2	1	4	4		
Steam (to 175 deg C.)	1	1	4	4	1	1*	4	4	4	4	4	4	1	1*	4	3	4	4		
Steam (to 200 deg C.)	1	1	4	4	1	4	4	4	4	4	4	4	1	1*	4	4	4	4		
Steam (to 260 deg C.)	2	3	4	4	1*	4	4	4	4	4	4	4	1	3	4	4	4	4		
Stearic acid	1	1	3	3	1	3	3	3	3	4	3	3	1	2	4	2	2	3		
Stoddard solvent	1	2	4	2	1	4	1	4	1	1	1	4	1	1		1	1	4		
Styrene (Vinylbenzene)	1	2	4	4	1	4	4	4	4	4	4	4	1	2	4	4	3	4		
Succinic acid	1	1	1	2	1	1		1	1		4	2	1	1			1	1		
Sucrose solution	1	1	1	2	1	1	2	1	1	4	4	1	1	1	2	1	1	2		
Sulfamic acid	1		2	2	1	1		1	2			2	1					2		
Sulfur	1	1	4	1	1	1	3	1	4	4	4	4	1	1		4	1	1		
Sulfur chloride	1	1	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4		
Sulfur dioxide (dry)	1	2	2	4	1	1	3	2	4	4	4	3	1	4	4	3	2	4		

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Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Sulfur dioxide (wet)	1	2	3	3	1	1		1	4	4	4	4	1	4	4	3	2	3	2		
Sulfur hexafluoride	2	2	4	1	1	1	1	1	2	4	4	4	1	2	4	2	2	2	2		
Sulfur trioxide (dry)	1*	2	4	4	1	3	4	3	4	4	4	3	1	1	4	4	2	4	3		
Sulfur, molten	1	1	4	3	1	3		3	4	4	4	4	1	1*	1		3	4	3		
Sulfuric acid (3 molar)	1	1	3	3	1	2	2	3	4	2	3	3	1	1*	4	3	3	3	4		
Sulfuric acid (concentrated)	1	1	4	4	1	4	4	4	4	4	4	4	1	1*	4	4	4	4	4		
Sulfuric acid, fuming	1	2	4	4	1	4	4	4	4	4	4	4	1	2*	4	4	4	4	4		
Sulfurous acid	1	1	2	2	1	2		2	2	4	4	2	1	1*		2	3	1	4		
Sulfuryl chloride	1		2	2	1	2		2	2	4		2	1	1				1			
Tannic acid	1	1	3	2	1	1	2	2	2	4	3	1	1	1	4	1	1	2	2		
Tar, bituminous	1	1	4	3	1	4	2	4	2	4	3	3	1	1	3	2	1	4	2		
Tartaric acid	1	1	2	2	1	2	2	2	1	4	3	2	1	1	4	1	1	1	1		
Terpineol (Terpilenol)	1		4	4	1	3	2	3	2	4	2	4	1	1	4	3	1	4	4		
Tertiary butyl alcohol	1	1	2	2	1	2	2	2	2	4	4	2	1	1	3	2	2	2	2		
Tertiary butyl catechol	1	2	3	2	1	2		2	4	4	4	4	1	1			1	2	3		
Tertiary butyl mercaptan	1	1	4	4	1	4		4	4	4	4	4	1	1		4		4	4		
Tetrabromoethane	1	3	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Tetrabromomethane	1		4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Tetrabutyl titanate (TBT)	1	1	2	2	1	1		2	2			2	1	1		2	1	1	2		
Tetrachlorodifluoroethane	1		3	2	1	4	3	4	2	4	4	4	1	1	4		4	2	4		
Tetrachloroethane	1	4	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Tetrachloroethylene	1	4	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Tetrachloromethane	1	4	4	4	1	4	2	4	3	4	3	4	1	1	4	3	2	4	4		
Tetraethyl lead	1	3	3	3	1	4	2	4	2	4	4	4	1	1	4	2	2	4	4		
Tetraethylene glycol (TEG)	1		1		1		1	1				1	1	1		1		1			
Tetrafluoromethane	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	4		
Tetrahydrofuran (THF)	1	4	4	4	1	3	4	3	4	4	4	4	1	4	4	4	4	4	4		
Tetralin (Tetrahydronaphthalene)	1	4	4	4	1	4	4	4	4	4	3	4	1	1	4	4	1	4	4		
Thioglycolic acid	1				1								1								
Thionyl chloride	1		4	4	1	4	4	4	4	4	4	4	1	1*	4	4	4	4	4		
Thiophene (Thiofuran)	1		4	4	1	4		4	4			4	1	3				4			
Titanium sulfate	1				1								1								
Titanium tetrachloride	2	2	4	4	1	4	4	4	3	4	4	4	1	1	4	2	2	4	4		
Toluene (Toluol)	1	4	4	4	1	4	4	4	4	4	4	4	1	1	4	3	2	4	4		
Toluene di-isocyanide (TDI)	1	4	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Toluidine	1				1				4				1	2							
Transformer oil	1	1	4	2	1	4	1	4	1	2	1	4	1	1	1	1	1	4	2		
Transmission fluid, type A	1	1	4	2	1	4	1	4	1*	1	1	4	1	1	1	1	1	2	2		
Triacetin	1	4	3	2	1	1	3	1	2	4	4	2	1	4	4	2	4	2	1		
Trialkyl phosphate	1	1	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4		
Triaryl phosphate	1	1	4	4	1	1	4	2	4	4	4	4	1	1	4	4	2	4	3		
Tributoxyl ethyl phosphate	1	1	2	4	1	1		1	4	4	4	3	1	1		4	2	4			
Tributyl mercaptan	1		4	4	1	4		4	4	4		4	1	1			3	4	4		
Tributyl phosphate (TBP)	1	2	4	4	1	1		2	4	4	4	2	1	4	4	4	4	4	3		
Trichloroacetic acid (TCA)	1	3	4	4	1	2	2	2	2	4	4	3	1	3	4	2	3	4	3		
Trichlorobenzene	1		4	4	1			4	4			4	1	2				4			
Trichloroethane	1	2	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Trichloroethylene	1	4	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	4		
Trichlorofluoromethane	1	4	4	3	1	4	3	4	2	4	4	4	1	2	2		2	4	4		
Trichloropropane	1		4	1	1			4	4			4	1	2				4			
Trichlorotrifluoroethane	1	4	2	1	1	3	1	4	1	4	2	3	1	2	3		4	1	4		
Tricresyl phosphate (TCP)	1	1	4	4	1	2	4	2	4	4	4	4	1	2	4	4	2	4	3		
Tridecyl alcohol (Tridecanol)	1		1		1			1	1			1	1	1				1			
Triethanol amine (TEA)	2	1	2	2	1	2	3	2	3	4	4	2	1	3	3	3	3	3	3		
Triethyl aluminium (ATE)	1		4	3	1	3		3	4	4	4		1	2				4			
Triethyl amine	1		3	3	1	4	4	4	3	3	3	4	1	2	4	3	3	3	4		
Triethyl borane	1		4	4	1	3		3	4	4	4		1	1				4			
Triethyl phosphate (TEP)	1				1								1	4							

1 = Excellent
2 = Good
3 = Doubtful
4 = Do not use
*** = Special Formulation**

Chemical or Media	Perlast®	Dynamic and Static																	Static		
		PPE Material Code Prefix>																	F	L	S
		G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	FVMQ	CSM	VMQ & PVMQ	
Triethylene glycol (TEG)	1	1	1	1	1	1	1	1				1	1	1	1				1		
Trifluoroethane	1	2	4	4	1	4		4	4	4	4	4	1	1		4			2	4	4
Trimethylpentane (Iso-octane)	1	2	4	3	1	4	1	4	1	1	2	4	1	1	1	1			1	2	4
Trinitrotoluene (TNT)	1	2	4	2	1	4		4	4	4		4	1	2		4			2	2	3
Trioctyl phosphate	1	1	4	4	1	1		1	4	4	4	4	1	2	4	4			2	4	3
Triolein (Olein)		See Olein																			
Triphenyl phosphite	1	1		1									1								
Tritolyl phosphate (Lindol)		See Lindol																			
Tung oil	1	1	4	2	1	4		3	1	1	3	4	1	1	1	1			2	3	4
Turbine oil	1	1	4	4	1	4	1	4	2	2	2	4	1	1		1			2	4	4
Turpentine	1	2	4	4	1	4	1	4	1	2	4	4	1	1	3	1			2	4	4
Type I fuel (Mil-S-3136)		See ASTM fuel A																			
Type II fuel (Mil-S-3136)	1		4	4	1	4	1	4	2	4	2	4	1	1					2	4	4
Type III fuel (Mil-S-3136)		See ASTM fuel B																			
Unsymmetrical dimethylhydrazine	2	3	2	2	1	1	2	1	2	4	4	1	1	4	4	2			4	1	4
Urea (Carbamide)	1	1	1	1	1	1		1	2			2	1	1						1	
Uric acid	1				1				1				1								
Valeric acid	1			4	1	1			4				1								
Varnish	1	2	4	4	1	4		4	2	4	3	4	1	1		2			2	4	4
Vegetable oils & fats	1	1	4	3	1	3	1	3	1	1	2	4	1	1	2	1			1	2	2
Vinegar		See Acetic acid																			
Vinyl acetate	1	4	4	2	1	2	4	2	4			4	1	4		4				4	
Vinyl chloride (Chloroethylene)		See Chloroethylene																			
Vinyl cyanide (Acrylonitrile)		See Acrylonitrile																			
Vinylbenzene (Styrene)		See Styrene																			
Water, cold	1	1	1	2	1	1	2	1	1	4	4	1	1	1*	1	1			1	1	1
Water, hot	1	1			1	1	2		2	4	4	3	1	1*	1	1			1		1
Water, potable					1*	1*			1*				1*	1*							1*
Whiskey & wines				1*	1*	1*			1*			1*	1*	1*		1*			1*	1*	1*
White oil	1	1	4	2	1	4	1	4	1	1	1	4	1	1	1	1			1	4	4
White pine oil	1	1	4	4	1	4		4	2			4	1	1		2			1	4	4
Wood alcohol (Methanol)		See Methanol																			
Wood oil	1	1	4	2	1	4		3	1	1	3	4	1	1	1	1			2	3	4
Xenon	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1
Xylene (Xylol)	1	3	4	4	1	4	4	4	4	4	4	4	1	1	4	4			1	4	4
Xylidine (Xylidin)	1	1	4	4	1	4	4	4	3	4	4	4	1	4	4	3			4	4	4
Zeolites	1	1	1	1	1	1		1	1			1	1	1		1			1	1	1
Zinc acetate	1	3	3	2	1	1	3	1	3	4	4	2	1	4	4	2			4	4	4
Zinc ammonium chloride	1				1				1				1			1					
Zinc carbonate	1		1		1			1	1			1	1	1		1				1	
Zinc chloride	1	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1			1	1	1
Zinc cyanide	1				1				1				1			1					
Zinc hydrosulfite	1			1	1				1				1	1		1					
Zinc nitrate	1				1				1				1			1					
Zinc phosphate solution	1				1				1				1			1					
Zinc salts	1	1	1	1	1	1		1	1	4	1	1	1	1	1	1			1	1	1
Zinc sulfate	1	1	2	1	1	1	2	1	1	4	4	2	1	1	2	1			1	1	1