



# DICHTOMATIK Chemical Compatability Guide

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

	FFKM	FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IIR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ
Dichtomatik Mat. Code Prefix>	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		
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																	
Aminosalicic 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	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		
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			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		
Amyl chloronaphthalene	1	2	4	4	1	4		4	4	3	4	4	1	1		4			2		
Amyl naphthalene	1	2	4	4	1	4		4	4	3	4	4	1	1		4			2		
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 sulfite	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		
Automotive brake fluids		See Brake fluids																			
Barium carbonate	1	1	1	1	1	1		1	1			1	1	1					1		



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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		
Butydidol (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	1		
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	3		
Butyl benzoate	1		4	4	1	1	4	1	4	4	4	4	1	1	4	4	1	4	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	4		
Butyl cellosolve (Butoxyethanol)	1	3	4	3	1	2	3	2	3	4	4	4	1	4	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	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	3		
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	3		
Butylene (Butene)	1		4	3	1	4	1	4	2	4	4	4	1	1	4	2	2	4	4		
Butyraldehyde	2*	3	4	4	1	2	4	2	4	4	4	4	1	4	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	4		
Butyric anhydride	1		4		1			3	3			3	1					2			
Butyrene (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	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	3		
Calcium bromide	1				1								1								
Calcium carbonate	1	1	1	1	1	1		1	1	3	3	1	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	1		
Calcium cyanide	1	1	1	1	1	1	2	1	1	4	4	1	1	1	2	1	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	3		
Calcium hypochloride	1	1	4	4	1	1	2	1	4	4	4	4	1	1			1	1	3		
Calcium hypochlorite	1	1	3	3	1	1	2	1	3	4	4	3	1	1	4	2	2	1	2		
Calcium nitrate	1	1	1	1	1	1	1	1	1	3	3	1	1	1	2	1	1	1	2		
Calcium oxichloride	1	1	4	3	1	2	2	2	2	4	4	2	1	1	2		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	1		
Calcium salts	1	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		1			
Calcium sulfide	1	1	2	1	1	1	2	1	2	4	1	2	1	1		1	1	1	2		
Calcium sulfite	1	1	2	1	1	1		1	1	4	1	2	1	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	1		
Caliche liquors	1	1	1	1	1	1		1	1	1	1	1	1	1		1	1	1	2		
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	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	1	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	2	3	3	1	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	2	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)	2				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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Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
Citric acid	1	1	1	1	1	1	1	1	3	3	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		
Coconut oil	1	1	4	3	1	3	1	3	1	1	3	4	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	2	2		
Coffee	1	1	1	1	1	1	4	1	2	4	4	3	1	1	3	2	1	1	1		
Coke oven gas	1	1	4	4	1	4		4	4	4	4	4	1	1		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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Chemical or Media	G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S		
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	1	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												
Fluorol (Sodium fluoride)		See Sodium fluoride																			
Fluorolube (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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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 (Nitrobenzine)		See Benzine																			
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	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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		G	A	B	C	D	E	H	J	N	P	Q	R	T	V	W	Z	F	L	S	
<b>Chemical or Media</b>		<b>Dynamic and Static</b>																	<b>Static</b>		
Methyl benzoate	1	1	4	4	1	4	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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Dichtomatik Mat. Code Prefix>	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		
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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	FFKM	FEPM	SBR	CR	FEP & PFA	EPR & EPDM	ECO	IR	NBR	ACM	AU & EU	NR & IR	PTFE	FKM	AEM	HNBR	FVMQ	CSM	VMQ & PVMQ	
Dichtomatik Mat. Code Prefix>	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			
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 <sub>2</sub> 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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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			
Potassium thiocyanate	1			1							1										
Producer gas	1	1	4	2	1	4	4	1	2	1	4	1	1	1	1	2	2	2			
Propane (LPG)	1	1	4	2	1	4	1	4	1	1	3	4	1	1	2	2	3	4			
Propanol (Propyl alcohol)		See Propyl alcohol																			
Propionaldehyde (Propanal)	1			1		1	4				3	1	4								
Propionic acid	1	1		3	1	1	1	3				1	1*								
Propionitrile (Ethyl cyanide)	1	1	4	2	1	3	4	2	1	4	4	1	1	4	1	3	2	4			
Propyl acetate (n-Propyl acetate)	1	4	4	4	1	2	4	2	4	4	4	1	4	4	4	4	4	4			
Propyl alcohol (1-Propanol)	1	1	1	1	1	1	2	1	2	4	3	1	1	1	3	1	1	2			
Propyl amine	1	4	4	1	4	4	4	4	4	4	4	1	4	4	4	4	4	4			
Propyl nitrate (n-Propyl nitrate)	1	4	4	1	2	4	2	4	4	4	4	1	4	4	4	4	4	4			
Propylene (Propene)	1	1	4	4	1	4	4	4	4	4	4	1	1	4	4	2	4	4			
Propylene chlorohydrin	1			1								1	3								
Propylene dichloride	1		4	4	1	4	4	4			4	1	1				4				
Propylene glycol	1	1	1	2	1	1	1	1			1	1	1				1				
Propylene oxide	1	3	4	4	1	2	4	2	4	4	4	1	3	4	4	4	4	4			
Pyridene	1	2	4	4	1	2	4	2	4	4	4	1	3	4	4	4	4	4			
Pyrogallol (Pyrogallic acid)	1			1								1	1*								
Pyrrole (Azole)	1		3	4	1	3	4	4	4	4	3	1	4	4	4	4	4	3			
Quinine (Bisulfate) (Sulfate)	1			1								1	1								
Quinone	1			1								1									
Radiation		Contact technical department																			
Rapeseed oil	1	1	4	3	1	2	1	2	1	1	2	4	1	1	3	1	1	3	3		
Red oil (MIL-H-5606)	1	2	4	2	1	4	1	4	1	1	1	4	1	1*	4	1	1	2	4		
RJ-1 (MIL-F-25558)	1	1	4	2	1	4	1	4	1	1	1	4	1	1	1	1	2	4	4		
Rosin	1			3	1			1				1									
Rotenone	1	1		1	1	1		1				1	1								
RP-1 (MIL-F-25576)	1	1	4	2	1	4	1	4	1	1	1	4	1	1	1	1	2	4			
Sal ammoniac	1	1	1	1	1	1	1	1	1	3	3	2	1	1	2	1	2	1	3		
Salicylic acid	1	1	2	1	1	1	2	1	1	4	4	2	1	1	4	1	1	1			
Sea water (Brine)	1	1	1	2	1	1	2	1	1	4	4	1	1	1*	1	1	1	1			
Sewage	1	1	1	2	1	1		1	1	4	4	1	1	1*	1	1	1	1			
Silicate esters	1	1	4	1	1	4	2	4	2	4	3	4	1	1	4	2	1	2	4		
Silicone grease	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3		
Silicone oil	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	4		
Silicone tetrachloride	2			1								1	1*								
Silver bromide	1			1								1									
Silver chloride	1			1								1									
Silver cyanide	1			1	1							1									
Silver nitrate	1	1	1	1	1	1	3	1	1	3	3	1	1	1	2	1	1	1			
Skydrol 500	1	1	4	4	1	1	4	2	4	4	4	1	4	4	4	3	4	3			
Skydrol 7000	1	1	4	4	1	1	4	1	4	4	4	1	2	4	4	3	4	3			
Soap solutions		See Detergent solution																			
Sodium acetate	1	2	4	2	1	1	3	1	2	3	3	2	1	4	4	4	4	4			
Sodium aluminate	1		1	1	1			1	1			1	1	1	1		1				
Sodium arsenite	1			4	1							1									
Sodium benzoate	1	1	1	1	1	1	2	1	1	4	4	1	1	1	1	1	1	1			
Sodium bicarbonate (Baking soda)	1	1	1	1	1	1	2	1	1	4	4	1	1	1	1	1	1	1			
Sodium bichromate	1	1	1	1	1	1	2	1	1	4	4	2	1	1	2	1	1	3	1		
Sodium bisulfate	1	1	2	1	1	1	1	1	1	4		2	1	1	1	1	1	1			
Sodium bisulfite	1	1	4	1	1	1	2	1	3	2	4	4	1	1	2	1	1	1			
Sodium borate (Borax)	1	1	2	4	1	1	1	1	2	3	3	2	1	1	1	1	2	4	2		
Sodium bromate	1	1		1	1							1	1								
Sodium bromide	1	1		1	1							1	1								
Sodium carbonate (Soda ash)	1	1	1	1	1	1	2	1	1	4	4	1	1	1	1	1	1	1			
Sodium chlorate	1	1	3	1	1	1	2	1	2	4	4	3	1	1	2	1	1	1			
Sodium chloride	1	1	1	1	1	1	2	1	1	4	3	1	1	1	1	1	1	1			
Sodium chlorite	1	2		1	1				4			1	1								

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Dichtomatik Mat. Code Prefix>	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		
Sodium chromate	1	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	1	2	1	1	4	4	1	1	1*	2	1	1	1	1
Sodium dichromate	1	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	1					
Sodium hydrogen sulfate	1	1	2	1	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	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	2
Sodium hypochlorite, 20%	1	1	3	3	1	2	2	2	2	4	4	3	1	1	4	1	2	4	2
Sodium hyposulfite	1	1	2	1	1	1	1	1	2	4	3	2	1	1	2		1	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	4
Sodium nitrite	1	1	2	2	1	1	2	1	2	4	4	2	1	1	2	1	1	1	4
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	2
Sodium perchlorate	1				1								1						
Sodium peroxide	1	1	2	2	1	1		1	2	4	4	2	1	1		2	1	2	4
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	4
Sodium phosphate (Mono-basic)	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1	4
Sodium phosphate (Tri-basic)	1	1	1	2	1	1	2	1	1	3	3	1	1	1	2	1	1	1	3
Sodium pyrophosphate	1				1								1						
Sodium salts	1	1	1	2	1	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	1
Sodium sulfate	1	1	3	2	1	1	2	1	1	4	3	2	1	1	2	1	1	1	1
Sodium sulfide	1	1	2	1	1	1	2	1	2	4	3	2	1	2	4	1	2	2	2
Sodium sulfite	1	1	2	1	1	1	2	1	1	4	1	2	1	1	4	1	1	1	1
Sodium tartrate	1				1								1						
Sodium tetraborate	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	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	1
Stannic chloride	1	2	1	3	1	1	2	2	1	4	4	1	1	1	2	1	1	4	2
Stannic chloride, 50%	1	2	1	3	1	1	2	1	1	4	4	1	1	1	4	1	1	4	2
Stannous chloride, 15%	1	1	1	2	1	1	2	1	1	4	4	1	1	1	4	1	1	1	2
Starch	1	1	1	1	1	1	1	1	1	4	4	1	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	3
Steam (to 175 deg C.)	1	1	4	4	1	1*	4	4	4	4	4	4	1	1*	4	3	4	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	4
Steam (to 260 deg C.)	2	3	4	4	1*	4	4	4	4	4	4	4	1	3	4	4	4	4	4
Stearic acid	1	1	3	3	1	3	3	3	3	4	3	3	1	2	4	2	2	3	3
Stoddard solvent	1	2	4	2	1	4	1	4	1	1	1	4	1	1		1	1	4	4
Styrene (Vinylbenzene)	1	2	4	4	1	4	4	4	4	4	4	4	1	2	4	4	3	4	4
Succinic acid	1	1	1	2	1	1		1	1		4	2	1	1			1	1	1
Sucrose solution	1	1	1	2	1	1	2	1	1	4	4	1	1	1	2	1	1	2	1
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	1
Sulfur chloride	1	1	4	4	1	4	4	4	4	4	4	4	1	1	4	4	2	4	3
Sulfur dioxide (dry)	1	2	2	4	1	1	3	2	4	4	4	3	1	4	4	3	2	4	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		
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							

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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	
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	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	4	4	1	2		4	2	2	3	
Trioctyl phosphate	1	1	4	4	1	1	1	4	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	
Water, potable					1*	1*		1*					1*	1*					1*	
Whiskey & wines				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	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			1	
Zinc carbonate	1		1		1			1	1				1	1	1	1			1	
Zinc chloride	1	1	1	1	1	2	1	1	4	4	1	1	1	1	2	1	1	1	1	
Zinc cyanide	1				1			1					1			1			1	
Zinc hydrosulfite	1			1	1			1					1	1		1			1	
Zinc nitrate	1				1			1					1			1			1	
Zinc phosphate solution	1				1			1					1			1			1	
Zinc salts	1	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	