

Simrit Chemical Compatibility Guide

Chemical Medium	ACM	AU	EPDM	FFKM	FVMQ	IIR	NR	SBR	VMQ								
	AEM	CR	ETP	FKM	HNBR	NBR	PTFE	TFE/P									
Quinidine	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Quinine	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Quinine Bisulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Quinine Hydrochloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Quinine Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Quinine Tartrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Quinizarin	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Quinoline	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Quinone	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Radiation, Gamma, 1.0 E+07 Rads	3	1	4	3	2	4	2	4	4	3	4	3	4	1	3	1	2
Raffinate	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Rapeseed Oil	2	0	2	2	1	1	1	1	2	1	2	4	1	4	1	4	
Red Line 100 Oil	1	0	1	2	4	1	1	1	1	4	1	4	0	4	1	4	
Red Oil (MIL-H-5606)	1	0	1	3	3	1	1	1	1	4	1	4	1	4	1	4	
Resorcinol	4	0	4	1	4	1	1	1	3	1	4	1	0	1	1	2	
Riboflavin	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Ricinoleic Acid	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Rosin	4	0	3	4	4	1	1	2	2	4	2	4	0	4	0	0	
Saccharin Solution	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sagrotan	0	0	4	2	1	0	1	1	1	2	1	2	1	1	1	0	1
Sal Ammoniac	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2
Salicylic Acid	0	0	1	1	1	1	1	1	2	1	2	1	1	1	1	1	0
Salt Water	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Santosafe 300	4	0	0	4	3	1	1	1	1	4	3	4	4	0	4	1	1
Sea Salt	0	0	0	2	1	0	1	1	0	1	0	1	0	0	0	1	0
Sea Water	4	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Sebacic Acid	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Selenic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Selenious Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sewage	4	0	4	2	1	1	1	1	1	1	1	1	1	0	1	1	1
SF 1147 GE Silicone Fluid	0	0	0	0	3	1	1	1	0	2	3	2	0	0	0	0	4
SF 1154 GE Silicone Fluid	1	0	2	1	1	1	1	1	1	2	1	2	1	0	1	0	4
SF 96 GE Silicone Fluid	1	0	2	1	1	1	1	1	1	2	1	2	1	0	1	0	4
Shell 3XF Mine Fluid	4	0	4	2	4	1	1	1	1	1	4	1	4	0	4	1	0
Shell Alvania Grease	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2

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2] Possible loss of physical properties (Volume swell 10–20%)

3] Noticeable change (Volume swell 20–40%)

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Shell Carnea 19 & 29	1	0	2	4	4	1	1	1	1	4	1	4	0	4	1	0	
Shell Diala	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Shell Irus 905	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Shell Lo Hydrax 27 and 29	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	0	4
Shell Macome 72	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	0	4
Shell Tellus 27, Petroleum Base	0	0	0	2	4	1	1	1	1	1	0	1	0	0	0	1	4
Shell Tellus 32, Petroleum Base	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	4
Shell Tellus 33	0	0	0	2	4	1	1	1	0	1	0	1	0	0	0	1	0
Shell Tellus 68	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	4
Shell UMF, 5% Aromatic	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Shellac	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Silicate Esters	0	0	1	1	4	1	1	1	1	2	4	2	4	0	4	1	4
Silicic Acid, Aqueous	0	0	0	2	1	0	1	1	0	1	1	1	1	1	1	0	0
Silicon Tetrachloride	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
Silicon Tetrafluoride	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
Silicone Greases	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Silicone Oils	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	4
Silver Bromide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Silver Chloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Silver Cyanide	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Silver Nitrate	1	0	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
Silver Salts, Aqueous	0	0	0	2	1	0	1	1	1	2	1	2	2	1	2	0	1
Silver Sulfate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sinclair Opaline CX-EP Lube	1	0	1	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Skelly, Solvent B, C, E	0	0	0	4	4	1	1	1	1	1	4	1	4	0	4	0	0
Skydrol 500	4	4	4	4	1	3	1	4	3	4	2	4	4	1	4	1	3
Skydrol 500 B4	4	0	4	4	1	3	1	4	3	4	2	4	4	0	4	0	3
Skydrol 7000	0	0	0	4	1	1	1	3	3	4	0	4	0	0	0	1	3
Skydrol LD-4	4	0	4	4	1	3	4	4	3	4	2	4	4	0	4	0	3
Soap Solutions	4	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Socony Mobile Type A	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Socony Vacuum AMV AC781 Grease	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Socony Vacuum PD959B	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Soda Ash	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Soda, Aqueous	0	0	0	2	1	0	1	1	1	1	1	1	1	1	1	0	1

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Sodium Acetate	3	0	3	2	1	4	1	4	4	2	1	2	1	0	4	2	4
Sodium Acid Bisulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Acid Fluoride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Acid Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Aluminate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Aluminate Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Anthraquinone Disulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Antimonate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Arsenate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Arsenite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Benzoate	4	0	4	2	1	1	1	2	1	1	1	1	1	1	1	0	2
Sodium Bicarbonate	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sodium Bichromate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Bifluoride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Bisulfate	4	0	0	1	1	1	1	1	1	1	1	1	1	0	2	1	1
Sodium Bisulfide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Bisulfite	4	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sodium Bitartrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Borate	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Sodium Bromate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Bromide	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Carbonate	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sodium Chlorate	4	0	4	4	1	1	1	2	1	4	1	4	4	1	4	0	2
Sodium Chloride	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sodium Chlorite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Chloroacetate	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Sodium Chromate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Citrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Cyanamide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Cyanate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Cyanide	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Sodium Diacetate	4	0	4	1	1	2	1	4	1	3	1	3	1	0	1	0	2
Sodium Diphenyl Sulfonate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Diphosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Disilicate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Ethylate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2

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Sodium Ferricyanide	4	0	4	1	1	1	1	1	3	1	3	1	0	1	0	2	
Sodium Ferrocyanide	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Sodium Fluoride	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Sodium Fluorosilicate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Glutamate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Hydrogen Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Hydrosulfide	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Hydrosulfite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Hydroxide	4	0	2	2	1	1	1	2	2	2	1	2	1	0	2	1	2
Sodium Hydroxide Pellets	0	0	0	2	1	0	1	4	0	2	0	2	0	0	0	1	0
Sodium Hypochlorite	4	0	4	2	1	1	1	1	2	2	1	2	4	1	4	1	2
Sodium Hypophosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Hypophosphite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Hyposulfite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Iodide	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Lactate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Metaphosphate	0	0	0	2	1	1	1	1	1	1	1	1	1	0	1	1	0
Sodium Metasilicate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sodium Methylate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Monophosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Nitrate	0	0	0	2	1	1	1	1	0	2	1	2	1	1	1	1	4
Sodium Nitrite	0	0	0	2	1	0	1	1	0	2	1	2	1	1	1	0	0
Sodium Oleate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Orthosilicate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Oxalate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Perborate	0	0	0	2	1	1	1	1	1	2	1	2	2	0	2	1	2
Sodium Percarbonate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Perchlorate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Peroxide	4	0	4	2	1	1	1	2	1	2	1	2	2	0	2	1	4
Sodium Persulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Phenolate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Phenoxide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Phosphate, Dibasic	1	0	1	2	1	1	1	1	0	1	1	1	1	1	1	1	4
Sodium Phosphate, Tribasic	1	0	1	2	1	1	1	1	0	1	1	1	1	0	1	1	1
Sodium Phosphate, Monobasic	1	0	1	2	1	1	1	1	0	1	1	1	1	0	1	1	4
Sodium Plumbite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2

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Sodium Pyrophosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Resinate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Salicylate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Salts	1	0	1	2	1	1	1	1	1	1	1	1	1	0	1	1	1
Sodium Silicate	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0
Sodium Stannate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Sulfate	4	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1
Sodium Sulfate Decahydrate	0	0	0	0	2	1	1	1	1	0	0	4	0	0	0	1	0
Sodium Sulfate, Anhydrous	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	1
Sodium Sulfide	4	0	1	2	1	1	1	1	1	2	2	2	4	1	2	0	1
Sodium Sulfite	4	0	1	1	1	1	1	1	1	1	1	1	2	0	2	1	1
Sodium Sulfocyanide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Tartrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Tetraborate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Tetraphosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Tetrasulfide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Thioarsenate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Thiocyanate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Sodium Thiosulfate	4	0	1	1	1	1	1	1	1	4	1	2	1	1	1	0	1
Sodium Trichloroacetate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Triphosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sodium Tripolyphosphate	0	0	0	0	1	2	1	2	0	0	0	4	0	0	0	1	0
Sodium, Molten	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
Solvasol 1, 2 & 3	2	0	2	2	4	1	1	2	1	1	4	1	4	0	4	4	4
Solvasol 73	2	0	2	2	4	1	1	1	1	2	4	2	4	0	4	4	4
Solvasol 74	2	0	2	2	4	1	1	1	1	2	4	2	4	0	4	4	4
Sorbitol	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sour Crude Oil	4	0	4	4	4	2	1	4	4	3	4	3	4	0	4	0	4
Sour Natural Gas	4	0	4	4	4	2	1	4	4	3	4	3	4	0	4	0	4
Soybean Oil	1	2	2	3	3	1	1	1	1	1	3	1	4	1	4	1	1
Spermaceti	0	0	0	2	4	0	1	1	0	1	4	1	4	1	0	0	0
Spindle Oil	1	0	1	2	4	0	1	1	1	1	4	1	4	1	4	0	1
Spry	1	0	1	2	2	1	1	1	1	1	2	1	4	0	4	1	1
SR-10 Fuel	2	0	2	4	4	1	1	1	1	1	4	1	4	0	4	1	4
SR-6 Fuel	2	0	2	4	4	1	1	1	1	2	4	2	4	0	4	1	4
Standard Clean 2	0	0	0	0	0	0	1	0	4	0	0	0	0	0	0	0	4

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Standard Oil Mobilube GX90-EP Lube	1	0	1	2	4	1	1	1	1	1	1	4	1	4	1	4	
Stannic Ammonium Chloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Stannic Chloride	0	0	0	4	1	1	1	1	1	1	1	1	1	0	1	1	2
Stannic Chloride, 50%	0	0	0	4	1	1	1	1	1	1	1	1	1	0	1	0	2
Stannic Tetrachloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Stannous Bisulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Stannous Bromide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Stannous Chloride	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	2
Stannous Fluoride	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Stannous Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Starch Syrup	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0	0
Starch, Aqueous	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1
Stauffer 7700	2	0	0	4	4	1	1	1	2	2	4	2	4	0	4	3	4
Steam	0	0	4	4	1	1	2	2	4	4	1	4	4	1	4	0	4
Steam < 149°C/300°F	0	0	0	4	1	2	1	2	4	4	0	4	0	0	0	2	3
Steam > 149°C/300°F	0	0	0	4	4	3	2	4	4	4	0	4	0	0	0	3	4
Steam Below 400°C	4	0	4	4	3	1	2	4	4	4	2	4	4	1	4	1	3
Steam, 400°-500°f	4	0	4	4	3	3	4	4	4	4	4	4	4	0	4	0	4
Stearic Acid	1	0	1	2	2	1	1	1	1	2	2	2	4	1	1	1	2
Stoddard Solvent	1	3	1	4	4	1	1	1	1	1	4	1	4	1	4	2	4
Strontium Acetate	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Strontium Carbonate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Strontium Chloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Strontium Hydroxide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Strontium Nitrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Styrene	4	4	3	4	4	1	1	2	3	4	4	4	4	1	4	4	4
Succinic Acid	4	0	4	2	1	1	1	2	1	1	1	1	1	1	1	0	2
Sucrose Solutions	4	0	4	2	1	1	1	1	1	1	1	1	1	1	1	0	1
Sugar Syrup	0	0	0	0	1	0	1	1	0	1	1	1	1	1	0	0	0
Sulfamic Acid	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Sulfanilic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sulfanilic Chloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Sulfanilimide	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Sulfite Liquors	4	0	4	1	2	1	1	2	2	3	1	2	1	0	1	0	4
Sulfolane	0	0	0	2	1	2	1	2	0	2	0	2	0	0	0	1	0

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Simrit Chemical Compatibility Guide

Chemical Medium	ACM	AU	EPDM		FFKM		FVMQ		IIR		NR		SBR		VMQ		
	AEM	CR	ETP	FKM	HNBR	NBR	PTFE	TFE/P									
Sulfonated Oils	4	0	3	4	4	1	1	1	2	2	4	2	4	0	0		
Sulfonic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sulfonyl Chloride	4	0	4	1	1	2	2	3	1	3	1	3	1	0	1	0	2
Sulfur	4	0	0	1	1	1	1	1	1	4	1	4	4	1	4	0	0
Sulfur (Molten 250°F)	4	0	4	3	3	1	1	1	1	4	3	4	4	0	4	1	3
Sulfur Chloride	4	0	3	4	4	1	1	1	1	4	4	4	4	1	4	1	3
Sulfur Dioxide	0	0	0	0	1	2	1	3	2	0	0	4	0	0	0	2	2
Sulfur Dioxide Gas, Dry	4	2	0	4	1	1	1	2	2	4	2	4	2	1	2	2	2
Sulfur Dioxide Gas, Wet	4	2	3	2	1	1	1	2	2	4	1	4	4	1	4	2	2
Sulfur Dioxide, Liquefied	4	0	0	4	1	1	1	2	2	4	2	4	4	1	4	2	2
Sulfur Hexafluoride	4	0	2	1	1	1	2	2	2	2	1	2	4	1	1	3	2
Sulfur Liquors	4	0	0	2	2	1	1	1	2	2	2	2	2	0	2	0	4
Sulfur Monochloride	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Sulfur Tetrafluoride	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0
Sulfur Trioxide	4	0	4	4	2	1	1	1	2	4	2	4	2	1	3	2	2
Sulfuric Acid	2	0	4	4	1	1	1	1	1	2	1	2	2	1	2	1	1
Sulfuric Acid, 20% Oleum	4	0	4	1	1	1	1	1	1	3	1	2	1	0	1	0	1
Sulfuric Acid, Concentrated Room Temp	0	4	4	4	4	1	1	1	4	4	1	4	4	1	2	4	4
Sulfuric Acid, Concentrated to 158°F	4	0	4	4	4	1	1	2	4	0	4	4	0	0	4	0	4
Sulfuric Chlorohydrin	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Sulfurous Acid	4	0	3	2	2	2	1	3	0	2	2	2	2	1	2	1	4
Sulfuryl Chloride	4	0	4	4	2	1	1	1	1	4	2	4	2	1	2	0	2
Sulphur Dioxide, Aqueous	0	0	0	4	1	0	1	1	0	4	1	4	4	1	2	0	0
Sunoco 3661	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Sunoco All Purpose Grease	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	4
Sunoco SAE 10	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Sunsafe (Fire Resistant Fluid)	4	0	4	2	4	1	1	1	1	1	4	1	4	0	4	1	0
Supershell Gasoline	2	0	2	2	4	1	1	2	2	1	4	1	4	0	4	3	4
Swanfinch EP Lubricant	1	0	1	4	4	1	1	1	1	1	4	1	4	0	4	2	4
Swanfinch Hypoid 90	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Tallow	1	0	1	2	4	1	1	1	1	1	4	1	4	1	4	0	2
T-Amyl Methyl Ether	0	0	0	0	0	1	1	4	0	0	0	0	0	0	0	0	0
Tannic Acid	2	2	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2
Tanning Extract	2	0	0	2	1	0	1	1	1	1	1	1	1	1	1	0	1

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Tar Oil	0	0	0	4	4	0	1	0	0	4	4	4	4	1	4	0	0
Tar, Bituminous	4	0	0	3	4	1	1	1	1	4	4	2	4	1	4	1	2
Tartaric Acid	0	2	1	2	2	1	1	2	1	1	2	1	1	1	1	1	1
T-Butyl Alcohol	4	0	4	2	2	1	1	1	2	2	2	2	2	1	2	1	2
T-Butyl Catechol	4	0	4	2	2	1	1	1	1	4	2	4	4	0	2	0	0
T-Butyl Mercaptan	4	0	4	4	4	1	1	1	0	4	4	4	4	1	4	1	4
T-Butylcatechol	0	0	0	2	2	1	1	1	1	4	0	4	0	0	0	1	0
Terephthalic Acid	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Terpineol	0	0	2	4	3	1	1	1	1	2	3	2	4	0	4	1	0
Terpinyl Acetate	4	0	3	4	4	2	1	4	2	2	4	2	4	0	4	0	0
Tetrabromoethane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	3	4
Tetrabromomethane	4	0	3	4	4	1	1	1	2	2	4	4	4	0	4	3	4
Tetrabutyl Titanate	0	0	0	2	1	1	1	1	4	2	2	2	2	1	2	1	4
Tetrachloroethane	4	0	4	4	4	1	1	1	2	4	4	4	4	1	4	4	4
Tetrachloroethylene	4	0	4	4	1	1	1	1	2	4	4	4	4	1	4	4	4
Tetraethyl Lead	0	0	2	4	4	1	1	1	2	2	4	2	4	1	4	3	0
Tetraethyl Lead Blend	0	0	0	4	4	1	1	1	2	2	4	2	4	0	4	3	0
Tetraethylorthosilicate	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	4
Tetrafluoromethane	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	4
Tetrahydrofuran	4	4	3	4	3	3	1	4	4	4	4	4	4	1	4	4	4
Tetrahydronaphthalene	4	0	4	4	4	1	1	1	1	4	4	4	4	1	4	4	4
Tetramethyl Ammonium Hydroxide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Tetramethyldihydropyridine	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Tetraphosphogluconate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Texaco 3450 Gear Oil	1	0	1	4	4	1	1	1	1	1	4	1	4	0	4	1	4
Texaco Capella A & AA	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Texaco Meropa 220, No Lead	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Texaco Regal B	1	0	1	4	4	1	1	1	1	1	4	1	4	0	4	1	4
Texaco Uni-Temp Grease	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2
Texamatic A 1581 Fluid	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	0	4
Texamatic A 3401 Fluid	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Texamatic A 3525 Fluid	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Texamatic A 3528 Fluid	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Texamatic A Transmission Oil	1	0	2	2	4	1	1	1	2	1	4	1	4	0	4	1	4
Texas 1500 Oil	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2

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Therminol 44	4	0	0	4	4	1	1	1	0	4	4	4	0	0	0	4	
Therminol 55	2	0	0	4	4	1	1	1	0	2	4	2	0	0	0	4	
Therminol VP-1, 60, 65	4	0	0	4	4	1	1	1	0	4	4	4	0	0	0	2	
Thioamyl Alcohol	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Thiodiacetic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Thioethanol	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Thioglycolic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Thiokol TP-90B	0	0	0	2	1	1	1	2	2	4	1	4	0	0	4	1	0
Thiokol TP-95	0	0	0	2	1	1	1	2	2	4	1	4	0	0	4	1	0
Thionyl Chloride	4	0	3	4	3	1	1	2	2	4	1	4	2	1	2	0	0
Thiophene	4	0	3	4	4	3	1	4	2	4	4	4	4	1	4	0	0
Thiophosphoryl Chloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Thiourea	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Thorium Nitrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Tidewater Multigear, 140 EP Lube	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Tidewater Oil, Beedol	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2
Tin Ammonium Chloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Tin Chloride	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	2
Tin Tetrachloride	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Titanic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Titanium Dioxide	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Titanium Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Titanium Tetrachloride	2	0	1	2	4	1	2	1	2	2	1	2	1	1	1	2	4
Toluene	4	4	4	4	4	1	1	2	2	4	4	4	4	1	4	4	4
Toluene Diisocyanate	4	0	0	4	2	3	1	4	4	4	2	4	4	0	4	4	4
Toluene Sulfonic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Toluene Sulfonyl Chloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Toluenesulfonic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Toluidine	4	0	3	4	4	2	1	3	2	2	4	2	4	0	4	0	0
Toluol	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Toluquinone	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Tolylaldehyde, PARA	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Tosyl Arginine Methyl Ester	0	0	0	4	3	0	1	4	0	4	0	4	0	0	0	4	0
Town Gas, Benzene Free	1	0	1	2	4	0	1	1	1	1	4	1	4	1	4	0	1
Transformer Oil	1	0	1	4	4	1	1	1	1	1	4	1	4	1	4	1	2
Transmission Fluid, Type A	1	1	1	2	4	1	1	1	1	1	4	1	4	1	4	1	2

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Triacetin	4	0	4	2	1	2	1	4	4	2	1	2	2	1	4	4	0
Triallyl Phosphate	0	0	0	0	1	1	1	1	2	0	0	4	0	0	0	1	3
Triaryl Phosphate	4	0	4	4	1	1	1	1	2	4	1	4	4	0	4	1	3
Tribromomethylbenzene	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Tributoxyethyl Phosphate	4	0	4	4	1	1	1	2	2	4	4	4	4	1	4	1	0
Tributyl Citrate	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Tributyl Mercaptan	4	0	0	4	4	1	1	2	3	4	4	4	4	0	4	0	4
Tributyl Phosphate	4	0	4	4	1	3	1	4	4	4	4	4	4	1	4	2	4
Trichloroacetic Acid	4	0	4	4	2	2	1	4	4	2	2	2	2	1	2	3	0
Trichloroacetyl Chloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Trichlorobenzene	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Trichloroethane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	4	4
Trichloroethanolamine	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Trichloroethyl Phosphate	0	0	0	4	0	0	2	4	0	4	0	4	0	1	0	0	0
Trichloroethylene	4	0	4	4	4	1	1	1	2	3	4	3	4	1	4	4	4
Trichlorofluoromethane	0	0	0	0	4	2	2	2	2	0	0	2	0	0	0	4	4
Trichloromethane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	0	4
Trichloronitromethane	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Trichloropropane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	0	4
Trichlorosilane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	0	4
Trichlorotrifluoroethane	0	0	0	1	4	2	2	2	4	1	0	2	0	0	0	4	4
Tricresyl Phosphate	4	0	2	4	1	1	1	1	2	4	2	4	4	1	4	1	3
Triethanolamine	4	0	4	2	2	3	2	4	4	3	2	3	4	1	2	1	4
Triethyl Aluminium	0	0	0	0	3	1	1	2	0	0	0	4	0	1	0	0	0
Triethyl Borane	0	0	0	0	3	1	1	1	0	0	0	4	0	1	0	0	0
Triethyl Phosphate	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Triethylene Glycol	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Triethylenetetramine	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Trifluoroacetic Acid	4	0	4	1	1	2	2	3	1	3	1	3	1	0	1	0	2
Trifluoroethane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	2	4
Trifluoromethane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	0	4
Trifluorovinylchloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Triglycol	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0	0
Triisopropylbenzylchloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Trimethyl Borate	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Trimethylamine	4	0	4	1	1	3	2	4	1	3	1	3	1	0	1	0	2

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Trimethylbenzene	4	0	3	4	4	1	1	1	2	2	4	2	4	0	0	0	
Trimethylolpropane	0	0	0	2	2	0	1	1	0	4	2	4	2	1	0	0	0
Trimethylpentane	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Trinitrotoluene	4	0	0	2	4	1	1	2	2	4	4	4	4	1	4	2	0
Trioctyl Phosphate	4	0	4	4	2	1	1	2	2	4	2	4	4	1	4	1	3
Triphenyl Phosphite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Tripoly Phosphate	4	0	4	3	1	1	1	2	1	4	1	4	4	0	4	1	3
Tripotassium Phosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Trisodium Phosphate	4	0	4	2	1	1	1	1	1	1	1	1	1	1	1	0	1
Tung Oil	0	0	3	2	4	1	1	1	2	1	3	1	4	0	4	1	4
Tungsten Hexafluoride	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
Turbine Oil	1	1	1	4	4	1	1	1	1	1	4	1	4	1	4	1	4
Turbo Oil #35	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Turpentine	2	0	4	4	4	1	1	2	2	1	4	1	4	1	4	1	4
Ucon Hydrolube J-4	4	0	4	2	1	1	1	1	2	1	1	2	0	0	1	1	1
Ucon Lubricant 50-HB-100	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant 50-HB-260	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant 50-HB-5100	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant 50-HB-55	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant 50-HB-660	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant LB-1145	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant LB-135	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant LB-285	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant LB-300x	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant LB-625	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Lubricant LB-65	0	0	0	1	1	1	1	1	1	1	1	1	2	0	2	1	1
Ucon Oil 50-HB-280X	0	0	0	2	1	1	1	3	0	2	0	2	0	0	0	1	0
Ucon Oil Heat Transfer 500	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Ucon Oil LB-385	0	0	0	1	1	2	1	4	1	1	1	1	1	0	1	1	1
Ucon Oil LB-400X	0	0	0	1	1	2	1	4	1	1	1	1	1	0	1	1	1
Ultra Pure Deionized Water	4	0	4	1	2	1	1	2	1	3	1	3	1	0	1	2	2
Undecylenic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Undecylic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Univis 40 Hydraulic Fluid	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Univolt No. 35 Mineral Oil	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4

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 3] Noticeable change (Volume swell 20–40%) 4] Not suitable for service 0] Insufficient info

Simrit Chemical Compatibility Guide

Chemical Medium	ACM	AU	EPDM	FFKM	FVMQ	IIR	NR	SBR	VMQ							
	AEM	CR	ETP	FKM	HNBR	NBR	PTFE	TFE/P								
Unsymmetrical Dimethyl Hydrazine	0	0	2	1	3	2	4	4	2	1	2	1	0	2	3	4
Uranium Hexachloride	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
Urea	0	0	2	1	0	1	1	0	1	1	1	1	1	1	0	0
Uric Acid	4	0	4	1	1	1	3	1	3	1	3	1	0	1	0	2
Valeraldehyde	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0
Valeric Acid	4	0	4	1	1	1	1	1	3	1	3	1	0	1	0	2
Vanadium Oxide	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0
Vanadium Pentoxide	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0
Varnish	4	1	3	4	4	1	1	1	2	2	4	2	4	1	4	2
Vaseline	1	0	0	1	4	0	1	1	1	1	4	1	4	1	4	0
Vaseline Oil	1	0	0	1	4	0	1	1	1	1	4	1	4	1	4	0
Vegetable Oils	1	0	0	3	3	1	1	1	1	1	3	1	4	0	4	1
Versilube F44, F55	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1
Versilube F-50	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1
Vinegar	4	2	4	2	1	1	1	1	3	2	2	2	2	1	2	0
Vinyl Acetate	0	0	0	2	2	3	1	4	0	2	0	4	0	1	0	4
Vinyl Benzene	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0
Vinyl Benzoate	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0
Vinyl Chloride	4	0	3	4	4	1	1	2	2	2	4	4	4	1	4	0
Vinyl Cyanide	4	0	4	4	4	3	1	3	4	4	4	4	3	1	3	2
Vinyl Fluoride	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0
Vinylidene Chloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0
Vinylpyridine	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0
Vitriol, White	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0
Water	4	1	4	2	1	1	1	1	1	1	1	1	1	1	1	2
Wax Alcohol	0	0	0	2	4	0	1	1	0	2	4	1	4	1	0	0
Wemco C	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1
Whiskey	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
White Liquor	0	0	0	1	1	1	1	1	0	1	0	1	0	0	0	1
White Lye	0	0	0	2	1	0	2	4	0	2	1	2	4	1	1	0
White Oil	1	0	1	2	4	1	1	1	1	1	4	1	4	1	4	1
White Pine Oil	0	0	0	4	4	1	1	1	1	2	4	2	4	0	4	1
White Pine Tar	0	0	0	4	4	0	1	1	1	2	4	2	4	1	4	0
White Spirit	1	0	0	2	4	0	1	1	0	2	4	1	4	1	4	0
Wine	4	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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Chemical Medium	ACM	AU	EPDM	FFKM	FVMQ	IIR	NR	SBR	VMQ								
	AEM	CR	ETP	FKM	HNBR	NBR	PTFE	TFE/P									
Wolmar Salts	2	0	1	2	1	1	1	1	1	1	1	1	0	1	1	1	
Wood Alcohol	4	0	4	1	1	1	1	4	1	1	1	1	1	0	1	0	1
Wood Oil	1	0	3	2	4	1	1	1	2	1	3	1	4	0	4	1	4
Wool Fat	1	0	1	1	1	0	1	1	1	1	1	1	2	1	1	0	1
Xenon	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Xylamon, Wood Preservative	4	0	2	4	4	0	1	2	0	4	4	4	4	1	4	0	0
Xylene	4	4	4	4	4	1	1	2	1	4	4	4	4	1	4	4	4
Xylidenes- Mixed-Aromatic Amines	4	0	4	4	1	1	1	4	4	3	4	3	4	0	4	2	4
Xylidine	0	0	0	0	4	3	1	4	4	0	0	3	0	0	0	2	4
Xylol	4	0	4	4	4	1	1	1	1	4	4	4	4	0	4	4	4
Yeast, Aqueous	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
Zeolites	1	0	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1
Zinc Acetate	1	0	1	2	1	2	1	4	4	2	1	2	1	1	4	3	4
Zinc Ammonium Chloride	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zinc Chloride	4	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Zinc Chromate	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zinc Cyanide	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zinc Diethyldithiocarbamate	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zinc Dihydrogen Phosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Zinc Hydrosulfite	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zinc Nitrate	4	0	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0
Zinc Oxide	4	0	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0
Zinc Phenolsulfonate	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zinc Phosphate	4	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
Zinc Salts	4	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Zinc Stearate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Zinc Sulfate	4	0	4	1	1	1	1	1	1	1	1	1	2	0	2	1	1
Zinc Sulfide	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Zirconium Nitrate	4	0	4	1	1	1	1	1	1	1	1	1	2	0	2	0	1

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Nitrogen Tetroxide, Silane, Carbon
 Ethylenediamine, Isobutyl Acrylate, Par
C₆H₆ Xylidin
 p-Toluidine
 Diisobutyl Ketone
 Sodium Perchlorate
 Ammonium Sulfate
Ag₂O Amyl Nitrate
 Lead Naphthenate
 Bromine Pentafluoride
 Calcium Arsenate, TMCTS
 Uranium Hexafluoride
 Maleic Anhydride
 Potassium Iodide
Lithium Chloride **CuCl₂** Aceti
 Acetic Acid, Glacial Nitric Acid
 Benzene Ethylenediamine
Acetone Hydrofluoric Acid, Hydrochloric Acid
 Acetic Acid, Glacial Nitric Acid
 Potassium Hydroxide, Benzene, MEK
 Trichloroethane, Tetrahydrofuran
 Ethylenediamine, Hydrofluoric Acid
 Hydrochloric Acid, Acetone, Acetic Acid
H₂SiF₆ Nitric Acid, Potassium Hydroxide
 Benzene, MEK, Trichloroethane
 Tetrahydrofuran, Ethylenediamine
 Hydrofluoric Acid, Hydrochloric Acid
 Acetone, Acetic Acid, Glacial Nitric Acid
 Potassium Hydroxide, Benzene, MEK
Penol **CH₃COCH₂C** p-Toluidine