Simrit Chemical Compatibility Guide

Chemical Medium	ACM	AEM	AU	CR	EPDM	ETP	FFKM	FKM	FVMQ	HNBR	IIR	NBR	NR	PTFE	SBR	TFE/P	VMQ
Acetaldehyde	4	0	4	3	2	3	2	4	4	3	2	4	2	1	3	4	2
Acetamide	4	1	4	1	1	1	1	2	1	1	2	1	4	1	4	2	2
Acetanilide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Acetic Acid Amide	4	1	4	1	1	3	1	3	1	1	2	1	4	1	4	2	2
Acetic Acid Ethyl Ester	0	0	0	2	2	4	1	4	0	2	0	4	0	1	0	4	0
Acetic Aid Methyl Ester	4	4	4	2	2	4	1	4	4	4	2	4	4	1	4	4	4
Acetic Acid, 25% to 60%	0	0	0	0	1	2	1	3	2	4	1	2	4	1	4	0	1
Acetic Acid, 5%	4	0	4	1	1	1	1	1	2	2	1	2	2	0	2	1	1
Acetic Acid, 85%	0	0	0	0	0	0	1	3	0	4	0	4	4	1	4	0	0
Acetic Acid, Glacial	4	4	4	4	2	2	1	4	4	2	2	2	4	1	4	3	1
Acetic Aldehyde	4	0	4	3	2	4	2	4	4	3	2	4	2	1	3	4	2
Acetic Anhydride	4	3	4	2	2	3	1	4	4	4	1	4	2	1	1	2	3
Acetic Ester	4	0	4	4	2	3	1	4	4	4	4	4	4	1	4	4	2
Acetoacetic Acid	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Acetol	4	0	4	2	1	4	1	4	4	4	1	4	1	1	1	4	4
Acetone	4	4	4	4	1	2	1	4	4	4	1	4	1	1	1	4	4
Acetone Cyanohydrin	4	0	4	1	1	2	1	4	1	3	1	3	1	0	1	0	2
Acetonitrile	4	0	4	2	1	2	1	4	1	3	1	3	1	0	1	1	2
Acetophenetidine	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Acetophenone	4	0	4	4	1	3	1	4	4	4	2	4	4	1	4	4	4
Acetotoluidide	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Acetyl Acetone	4	0	4	4	1	3	1	4	4	4	1	4	4	0	4	4	4
Acetyl Benzene	4	0	4	4	1	4	1	4	4	4	2	4	4	1	4	4	4
Acetyl Bromide	4	0	4	4	1	1	1	1	4	4	1	4	4	0	4	2	4
Acetyl Chloride	4	0	4	4	4	1	1	1	1	4	4	4	4	1	4	1	3
Acetylene	1	0	4	2	1	1	1	1	1	1	1	1	2	1	2	1	2
Acetylene Dichloride	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Acetylene Tetrabromide	0	0	4	2	1	1	1	1	2	4	1	4	0	0	4	1	4
Acetylene Tetrachloride	4	0	4	4	1	1	1	1	2	4	4	4	4	1	4	4	4
Acetylsalicylic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Acrolein	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Acryimide	4	1	4	1	1	3	1	3	1	1	2	1	4	1	4	2	2
Acrylic Acid, Ethyl Ester	4	0	4	4	3	4	1	4	4	4	2	2	4	1	4	4	4
Acrylonitrile	4	0	4	4	4	3	1	4	4	4	4	4	3	1	3	2	4
Adipic Acid	0	0	0	1	2	1	1	2	1	1	1	1	1	1	1	2	0
Aero Lubriplate	1	0	1	1	4	1	1	1	1	1	4	1	4	0	2	1	2

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Chemical Medium	ACM	AEM	AU	CR	EPDM	ETP	FFKM	FKM	FVMQ	HNBR	IIR	NBR	NR	PTFE	SBR	TFE/P	VMQ
Aero Shell 17 Grease	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2
Aero Shell 1AC Grease	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2
Aero Shell 750	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	1	4
Aero Shell 7A Grease	1	0	1	2	4	1	1	1	1	2	4	2	4	0	4	1	2
Aerosafe 2300	4	0	4	4	1	3	1	4	3	4	2	4	4	0	4	3	3
Aerosafe 2300w	4	0	4	4	1	3	1	4	3	4	2	4	4	0	4	2	3
Aerozene 50, 50% Hydrazine 50% UDMH	0	0	4	4	1	3	2	4	4	3	1	3	4	0	4	2	4
Air below 200°F	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
Air, 200–300° F	2	0	3	2	2	1	1	1	1	3	2	3	4	0	4	1	1
Air, 300–400° F	4	0	4	4	4	1	1	1	1	4	4	4	4	0	4	1	1
Air, 400–500° F	4	0	4	4	4	2	2	3	4	4	4	4	4	0	4	3	2
Air, Oil-Containing	1	0	1	1	4	0	1	1	1	1	4	1	4	1	2	0	1
Aliphatic Dicarboxylic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Alkanes	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Alkanesulfonic Acid	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Alkazene	4	0	4	4	4	1	1	2	2	4	4	4	4	1	4	2	4
Alkenes	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Alkyl Acetone	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Alkyl Alcohol	1	0	1	2	4	1	1	4	1	1	4	1	4	0	4	0	2
Alkyl Amine	1	0	1	2	4	2	1	4	1	1	4	1	4	0	4	0	2
Alkyl Aryl Sulfonates	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Alkyl Aryl Sulfonics	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Alkyl Benzene	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Alkyl Chloride	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Alkyl Naphthalene Sulfonic Acid	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Alkyl Sulfide	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Allyl Alcohol	0	0	4	2	1	0	1	4	0	2	1	2	1	1	1	0	0
Allyl Chloride	0	0	0	1	1	2	1	2	0	2	0	2	0	0	0	2	0
Allylidene Diacetate	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Alpha Picoline	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Alum Potash	4	0	4	2	1	1	1	4	3	2	1	2	2	0	2	1	3
Aluminum Acetate	4	0	4	2	1	3	1	4	4	2	1	2	1	1	2	1	4
Aluminum Bromide	1	0	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Aluminum Chlorate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Aluminum Chloride	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2

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Aluminum Fluoride	0	0	3	1	1	1	1	1	1	1	1	1	2	1	1	1	2
Aluminum Formate	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Aluminum Hydrate	0	0	0	3	2	2	1	2	0	2	0	2	0	0	0	1	2
Aluminum Hydroxide	0	0	0	3	2	1	1	1	0	2	0	2	0	0	0	1	2
Aluminum Linoleate	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Aluminum Nitrate	0	0	3	1	1	1	1	1	0	1	1	1	1	1	1	1	2
Aluminum Oxalate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Aluminum Phosphate	0	0	0	1	1	1	1	1	0	1	0	1	0	0	0	1	1
Aluminum Potassium Sulfate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Aluminum Salts	1	0	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Aluminum Sodium Sulfate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Aluminum Sulfate	4	1	4	1	1	1	1	1	1	1	1	1	1	1	2	1	1
Alums	4	0	0	1	1	1	1	1	4	1	1	1	4	1	1	2	1
Ambrex 33	1	0	2	2	4	1	1	1	3	1	4	1	4	0	4	1	4
Ambrex 830	1	0	1	2	3	1	1	1	1	1	3	1	4	0	4	1	2
Amines Mixed (Allyl, Ethyl, etc.)	4	0	4	2	2	3	1	4	4	4	2	4	2	0	2	2	2
Amino Benzene	4	0	4	4	2	1	1	2	3	4	2	4	4	1	4	2	4
Aminobenzoic Acid	0	0	0	4	2	2	1	2	0	4	0	4	0	0	0	1	0
Aminoethanol (2-Aminoethanol)	4	0	3	2	2	4	1	4	4	2	2	4	2	0	2	0	2
Aminomethane	4	0	4	1	1	1	1	4	1	4	1	4	2	1	2	0	2
Aminopyridine	0	0	0	4	2	4	1	4	0	4	0	4	0	0	0	3	0
Ammonia	4	4	4	1	1	4	2	4	4	2	1	2	1	1	1	2	2
Ammonia and Lithium Metal in Solution	4	0	4	4	2	4	4	4	4	2	2	4	4	0	4	4	4
Ammonia Gas, Cold	4	4	2	1	1	2	1	4	4	1	1	1	1	1	1	1	1
Ammonia Gas, Hot	4	4	4	2	2	2	1	4	4	4	2	4	4	1	4	2	1
Ammonia, Anhydrous Liquid	4	0	4	1	1	2	1	4	4	2	1	2	4	0	4	3	2
Ammonium Acetate	4	0	4	2	1	3	1	4	1	1	1	1	1	1	1	0	2
Ammonium Arsenate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Benzoate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Smmonium Bicarbonate	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Ammonium Bisulfite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Bromide	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0
Ammonium Carbamate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Carbonate	4	0	4	1	1	1	1	1	0	1	1	4	1	1	1	1	3
Ammonium Chloride	1	1	4	1	1	1	1	1	4	1	1	1	1	1	1	1	3

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Ammonium Citrate, Dibasic	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Dichromate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Diphosphate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Ammonium Fluoride	0	0	1	2	1	1	1	1	0	1	2	1	4	1	1	1	0
Ammonium Formate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Hydroxide, 3 Molar	4	0	4	1	1	2	2	3	1	1	1	1	2	0	2	2	1
Ammonium Hydroxide, Concentrated	4	4	4	1	1	1	1	2	1	4	1	4	3	1	3	1	1
Ammonium Hydroxide, Grade 2	0	0	0	1	1	0	1	2	0	3	0	3	0	0	0	1	0
Ammonium Iodide	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0
Ammonium Lactate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Metaphosphate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Molybdenate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Nitrate	2	0	0	1	1	1	1	1	3	1	1	1	4	1	1	1	2
Ammonium Nitrite	0	0	0	1	1	1	1	3	0	1	1	1	1	0	1	2	2
Ammonium Oxalate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Perchlorate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Persulfate	4	0	4	1	1	1	1	1	1	4	1	4	1	1	4	1	4
Ammonium Phosphate	0	1	4	1	1	1	1	1	0	1	1	1	1	1	1	2	1
Ammonium Phosphate, Dibasic	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1
Ammonium Phosphate, Monobasic	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	2	1
Ammonium Phosphate, Tribasic	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	2	1
Ammonium Phosphite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Picrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Polysulfide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Salicylate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Salts	3	0	0	1	1	2	1	3	3	1	1	1	1	0	1	1	1
Ammonium Sulfamate	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Ammonium Sulfate	4	1	4	1	1	1	1	2	1	1	1	1	4	1	2	1	1
Ammonium Sulfate Nitrate	4	0	0	1	1	1	1	4	0	1	1	1	1	0	2	2	0
Ammonium Sulfide	4	0	4	1	1	1	1	2	0	1	1	1	4	1	2	1	0
Ammonium Sulfite	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Ammonium Thiocyanate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Ammonium Thioglycollate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Thiosulfate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2

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Ammonium Tungstate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Ammonium Valerate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Amyl Acetate	4	4	4	4	1	2	1	4	4	4	2	4	1	1	4	4	4
Amyl Alcohol	4	0	4	2	1	1	1	2	1	2	1	2	1	1	2	1	4
Amyl Borate	0	0	0	1	4	1	1	1	0	1	4	1	4	1	4	1	4
Amyl Butyrate	1	0	1	2	4	1	1	2	1	1	4	1	4	0	4	0	2
Amyl Chloride	4	0	0	4	4	1	1	1	2	1	4	1	4	0	4	1	4
Amyl Chloronaphthalene	4	0	4	4	4	1	1	1	2	4	4	4	4	1	4	2	4
Amyl Cinnamic Aldehyde	4	0	3	4	4	3	1	4	2	2	4	2	4	0	4	0	0
Amyl Hydride	1	0	4	1	4	1	1	1	3	1	4	1	4	1	3	0	4
Amyl Laurate	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Amyl Mercaptan	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Amyl Naphthalene	2	0	4	4	4	1	1	1	1	4	4	4	4	0	4	2	4
Amyl Nitrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Amyl Nitrite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Amyl Phenol	0	0	0	0	0	1	1	1	0	0	4	4	4	1	0	0	0
Amyl Propionate	1	0	1	2	4	1	1	2	1	1	4	1	4	0	4	0	2
Sn-0-3 Grade M	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	2
An-0-366	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
An-0-6	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Anderol l-774 (Diester)	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	2	4
Anderol l-826 (Diester)	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	2	4
Anderol l-829 (Diester)	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	2	4
Ang-25 (Diester Base)	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	2	2
Ang-25 (Glyceral Ester)	4	0	4	2	1	1	1	1	2	2	2	2	2	0	2	2	2
Aniline	4	0	4	4	2	1	1	2	3	4	2	4	4	1	4	2	4
Aniline Dyes	4	0	4	2	2	1	1	2	2	4	2	4	2	0	2	1	3
Aniline Hydrochloride	4	0	4	4	3	1	1	2	2	4	2	4	4	1	4	1	4
Aniline Oil	4	0	4	4	2	2	1	4	3	4	2	4	4	1	4	2	4
Aniline Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Aniline Sulfite	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Animal Fats	1	1	1	2	2	1	1	1	1	1	2	1	4	1	4	1	2
Animal Oil	1	1	2	2	2	1	1	1	1	1	2	1	4	1	4	2	2
Anisole	0	0	0	4	0	1	1	3	0	4	0	4	4	1	4	0	0
Anon	0	0	0	4	4	0	1	0	0	4	4	4	4	1	4	0	0
Ansul Ether 161, 181	4	0	2	4	3	3	1	4	3	3	3	3	4	0	4	1	4

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Ant Oil	4	4	4	4	2	4	2	4	4	4	2	4	4	1	4	4	4
Anthracene	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Anthraquinone Sulphonic Acid	0	0	4	0	1	0	1	0	0	2	1	2	1	1	1	0	0
Antifreeze (Automotive)	4	0	4	1	1	1	1	2	1	1	1	1	1	1	1	0	1
Antimony Chloride	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Antimony Pentachloride	1	0	1	2	4	1	1	2	1	1	4	1	4	0	4	1	4
Antimony Pentafluorides	0	0	0	4	0	2	2	0	0	0	4	4	4	1	0	0	0
Antimony Tribromide	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Antimony Trichloride	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	4
Antimony Trifluoride	1	0	1	2	4	1	2	1	1	1	4	1	4	0	4	1	4
Antimony Trioxide	1	0	1	2	1	1	1	1	1	1	4	1	4	0	4	1	4
AN-VV-0-366B Hydraulic	2	0	2	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Aqua Regia	4	0	4	4	3	1	2	2	3	3	4	4	4	1	4	3	4
Argon	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2
Argon Gas	0	0	0	1	1	0	1	1	0	1	0	1	0	0	0	1	0
Aroclor 1248	4	0	4	4	2	1	1	1	2	3	2	3	4	0	4	1	2
Aroclor 1254	4	0	4	4	2	1	1	1	1	4	4	4	4	0	4	1	3
Aroclor 1260	4	0	4	1	2	1	1	1	1	1	1	1	1	0	1	1	1
Aromatic Fuel 50%	4	4	4	4	4	1	1	1	2	2	4	2	4	0	4	2	4
Aromatic Fuels	0	0	0	4	4	1	1	2	2	2	0	2	0	0	0	2	4
Arsenic Acid	3	0	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Arsenic Trichloride	0	0	0	1	4	3	1	4	0	1	0	1	0	0	0	4	0
Arsenic Trioxide	0	0	0	1	4	1	1	4	0	1	0	1	0	0	0	0	0
Arsenic Trisulfide	0	0	0	1	4	1	1	4	0	1	0	1	0	0	0	0	0
Ascorbic Acid	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Askarel Transformer Oil	4	0	4	4	4	1	1	1	2	2	4	2	4	1	4	1	4
Aspartic Acid	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Asphalt	2	0	2	2	4	1	1	1	2	2	4	2	4	1	4	2	4
ASTM Fuel A	1	1	2	2	4	1	1	1	1	1	4	1	4	1	4	2	4
ASTM Fuel B	4	0	4	4	4	1	1	1	1	1	4	2	4	1	4	4	4
ASTM Fuel C	4	4	4	4	4	1	1	1	2	2	4	2	4	1	4	4	4
ASTM Fuel D	4	0	2	4	4	1	1	1	0	2	0	2	0	0	4	4	4
ASTM Oil No. 1	1	1	1	1	4	1	1	1	1	1	4	1	4	1	4	1	1
ASTM Oil No. 2	1	1	2	2	4	1	1	1	1	1	4	1	4	1	4	2	4
ASTM Oil No. 3	1	2	2	2	4	1	1	1	1	1	4	1	4	1	4	3	2
ASTM Oil No. 4	2	1	4	4	4	1	1	1	2	2	4	2	4	0	4	2	4

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Simrit Chemical Compatibility Guide

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ASTM Oil No. 5	0	0	0	2	4	1	1	1	0	1	0	1	0	0	0	1	0
ATL-857	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	1	4
Atlantic Dominion F	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	2	4
Atlantic Utro Gear-E	0	0	0	2	4	1	1	1	0	1	0	1	0	0	0	1	0
Atlantic Utro Gear-EP Lube.	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	2	4
Aurex 903R	1	0	1	2	4	1	1	1	4	1	4	1	2	0	4	1	4
Automatic Transmission Fluid	4	4	2	2	4	1	1	1	1	1	4	1	4	1	4	1	4
Automotive Brake Fluid	4	0	4	2	1	2	1	4	4	3	2	3	1	1	1	1	3
Azine	4	0	4	4	2	4	1	4	4	4	4	4	4	1	4	2	4
Baking Soda	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bardol B	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	2	4
Barium Carbonate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Barium Chlorate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Barium Chloride	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Barium Cyanide	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Barium Hydroxide	4	0	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Barium Iodide	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Barium Nitrate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Barium Oxide	4	0	4	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Barium Peroxide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Barium Polysulfide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Barium Salts	1	0	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Barium Sulfate	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1	1
Barium Sulfide	4	0	1	1	1	1	1	1	1	1	1	1	1	0	2	1	1
Bayol 35	1	0	2	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Bayol D	1	0	4	2	4	1	1	1	1	1	4	1	4	0	4	1	4
Beef Tallow Emulsion, Sulphonated	0	0	0	2	4	0	1	1	2	1	4	1	4	1	4	0	2
Beer	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Beet Sugar Liquids	0	0	0	1	1	1	1	1	0	1	0	1	0	0	0	1	0
Beet Sugar Liquors	4	0	4	2	1	1	1	1	1	1	1	1	1	0	1	1	1
Benzaldehyde	4	4	4	4	1	3	2	4	4	4	2	4	2	1	2	2	4
Benzamide	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzanthrone	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Benzene	4	4	4	4	4	1	1	2	2	4	4	4	4	1	4	2	4
Benzene Carbonal	4	4	4	4	1	4	2	4	4	4	2	4	2	1	2	2	4

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Simrit Chemical Compatibility Guide

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Benzene Carboxylic Acid	4	0	4	2	4	1	1	1	2	1	1	4	1	1	1	1	4
Benzene Sulfonic Acid	4	0	4	2	4	1	1	1	2	4	4	4	4	1	4	1	4
Benzidine	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzidine 3 Sulfonic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzil	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzilic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzine	1	4	2	2	4	1	1	1	1	1	4	1	4	1	4	2	4
Benzocatechol	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzochloride	4	0	0	4	1	1	1	1	1	4	2	4	4	0	4	1	0
Benzoic Acid	4	0	4	2	4	1	1	1	2	1	1	4	1	1	1	1	4
Benzoin	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzonitrile	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Benzophenone	4	0	4	4	2	1	1	2	1	4	2	4	0	0	4	1	4
Benzoquinone	4	0	4	0	2	1	1	1	0	0	2	0	0	0	4	2	0
Benzotrichloride	0	0	0	4	1	1	1	1	0	4	0	4	0	0	0	3	0
Benzotrifluoride	0	0	0	4	1	1	1	1	0	4	0	4	0	0	0	1	0
Benzoyl Chloride	4	0	3	4	4	1	1	2	2	4	4	4	4	0	4	2	0
Benzoyl Sulfonilic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Benzyl Acetate	4	0	4	1	1	3	1	4	1	3	1	3	1	0	1	0	2
Benzyl Alcohol	4	0	4	2	2	1	1	1	2	4	2	4	4	1	4	2	2
Benzyl Benzoate	4	0	4	4	2	1	1	1	1	4	2	4	4	1	4	3	4
Benzyl Bromide	4	0	4	4	4	1	1	1	1	4	4	4	4	0	4	2	4
Benzyl Butyl Phthalate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Benzyl Chloride	4	0	4	4	4	1	1	1	1	4	4	4	4	1	4	2	4
Benzyl Phenol	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Benzyl Salicylate	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Beryllium Chloride	3	0	3	3	1	1	1	1	3	1	1	1	3	0	3	1	3
Beryllium Fluoride	3	0	3	3	1	1	1	1	3	1	1	1	3	0	3	1	3
Beryllium Oxide	3	0	3	3	1	1	1	1	3	1	1	1	3	0	3	1	3
Beryllium Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Biphenyl	4	0	4	4	4	1	1	1	2	4	4	4	4	1	4	2	4
Bismuth Carbonate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Bismuth Nitrate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Bismuth Oxychloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Bisulfite Lye	0	0	4	2	1	0	2	0	0	2	1	2	1	1	1	0	0
Bitumen	0	0	0	4	0	0	1	1	0	4	0	4	0	1	0	0	0

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Simrit Chemical Compatibility Guide

Chemical Medium	ACM	AEM	AU	CR	EPDM	ETP	FFKM	FKM	FVMQ	HNBR	IIR	NBR	NR	PTFE	SBR	TFE/P	VMQ
Black Liquor	0	0	0	1	2	1	3	1	0	2	0	2	0	0	0	2	0
Black Lye	0	0	0	2	1	0	1	1	0	2	1	2	2	1	2	0	0
Black Point 77	3	0	3	3	1	1	1	1	3	1	1	1	3	0	3	1	3
Blast Furnace Gas	1	0	4	2	4	1	1	1	2	2	2	4	4	1	2	1	1
Bleach Liquor	4	0	4	2	1	1	1	1	2	2	1	3	3	1	3	1	2
Bleach Solutions	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
Bleaching Lye	0	0	4	2	1	0	1	2	0	4	2	4	4	1	2	0	0
Bone Oil	1	0	1	4	2	1	1	2	1	1	4	1	4	1	4	1	2
Borax	2	0	1	4	1	1	1	1	2	2	1	2	2	0	2	1	2
Borax Solutions	2	1	4	2	1	1	1	1	1	1	1	2	1	1	1	1	1
Bordeaux Mixture	4	0	4	2	1	1	1	1	2	2	1	2	2	0	2	1	2
Boric Acid	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boric Oxide	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Borneol	4	0	3	4	4	1	1	2	2	2	4	2	4	0	4	0	0
Bornyl Acetate	4	0	3	4	4	2	1	4	2	2	4	2	4	0	4	0	0
Bornyl Chloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Bornyl Formate	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Boron Fluids	4	0	4	4	4	1	1	1	2	2	4	2	4	0	4	1	4
Boron Trichloride	0	0	0	4	4	1	1	1	0	2	0	2	0	0	0	1	0
Boron Trifluoride	0	0	0	4	4	1	1	1	0	2	0	2	0	0	0	1	0
Brake Fluid DOT3, Glycol Type	4	4	4	2	1	4	4	4	1	3	1	4	1	1	1	2	1
Brake Fluid, Wagner 21B	4	4	4	2	1	4	4	4	4	3	2	3	2	1	1	1	3
Bray GG-130	2	0	4	4	4	1	1	1	2	2	4	2	4	0	4	2	4
Brayco 719-R	4	0	4	2	1	4	4	4	2	3	2	3	2	0	0	2	2
Brayco 885	2	0	1	4	4	1	1	1	2	2	4	2	4	0	4	2	4
Brayco 910	3	0	3	2	1	2	1	4	4	2	1	2	1	0	2	3	4
Bret 710	3	0	3	2	1	4	4	4	4	2	1	2	1	0	2	2	4
Brine	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1	1
Brom–113	0	0	0	4	4	0	0	0	0	3	4	3	0	0	4	3	4
Brom–114	0	0	0	2	4	1	1	2	0	2	4	2	4	0	4	3	4
Bromic Acid	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Bromine	4	0	4	4	4	1	1	1	2	4	4	4	4	1	4	1	4
Bromine Pentafluoride	4	0	4	4	4	3	2	4	4	4	4	4	4	0	4	4	4
Bromine Trifluoride	4	0	4	4	4	3	2	4	4	4	4	4	4	0	4	4	4
Bromine Water	4	0	4	4	2	1	1	1	2	4	4	4	4	1	4	3	4
Bromine, Anhydrous	0	0	0	4	4	1	1	1	2	4	0	4	0	0	0	1	4

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Bromine, Liquid	0	0	0	4	0	0	0	0	0	4	0	4	4	1	4	0	0
Bromobenzene	4	0	4	4	4	1	1	1	1	4	4	4	4	1	4	4	4
Bromobenzene Cyanide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Bromochloromethane	0	0	0	0	2	2	1	4	2	0	0	4	0	0	0	3	4
Bromochlorotrifluoroethane	4	0	4	4	4	1	1	1	2	4	4	4	4	0	4	1	4
Bromoethane	0	0	0	4	4	0	1	1	0	2	0	2	0	0	0	1	0
Bromoform	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Bromomethane	3	0	0	4	4	1	1	1	1	2	4	2	4	0	4	1	0
Bromotrifluoromethane	0	0	0	0	1	2	2	1	2	0	0	1	0	0	0	0	4
Brucine Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Bunker C Fuel Oil	0	0	0	3	4	1	1	1	0	1	0	1	0	0	0	2	0
Bunker Oil	1	0	2	4	4	1	1	1	1	1	4	1	4	1	4	2	2
Butadiene	4	0	4	2	4	1	1	3	1	4	4	4	4	1	4	2	4
Butane	1	2	1	1	4	1	1	1	1	1	4	1	4	1	4	2	4
Butane, 2, 2-Dimethyl	1	0	4	2	4	1	1	1	3	1	4	1	4	0	3	2	4
Butane, 2, 3-Dimethyl	1	0	4	2	4	1	1	1	3	1	4	1	4	0	3	2	4
Butanediol	4	0	4	1	1	1	1	3	1	1	1	1	2	1	1	0	2
Butanol	4	0	4	2	1	1	1	1	1	4	1	4	1	1	1	1	2
Butene 2-ethyl	1	0	4	4	4	1	1	1	3	1	4	1	4	0	4	1	4
Butter	1	1	1	2	1	1	1	1	1	1	2	1	4	1	4	1	2
Butyl Acetate	4	0	4	4	2	3	1	4	4	4	2	4	2	1	4	4	4
Butyl Acetyl Ricinoleate	0	0	4	2	1	1	1	1	2	2	1	2	4	0	4	1	0
Butyl Acrylate	4	0	0	4	4	3	1	4	4	4	4	4	4	0	4	4	2
Butyl Alcohol	4	1	4	1	2	1	1	1	1	4	2	1	1	1	1	1	2
Butyl Alcohol, Secondary	4	0	4	2	2	1	1	1	2	2	2	2	2	0	2	1	2
Butyl Alcohol, Tertiary	4	0	4	2	2	1	1	1	2	2	2	2	2	0	2	1	2
Butyl Benzoate	4	0	4	1	1	1	1	1	1	3	1	4	1	0	1	0	2
Butyl Butyrate	4	0	0	4	1	1	1	1	1	4	1	4	4	0	4	0	0
Butyl Carbitol	4	0	4	3	1	1	1	3	4	4	1	4	4	1	4	2	4
Butyl Cellosolve	4	0	4	3	2	2	1	4	4	3	2	3	4	1	4	3	4
Butyl Cellosolve Acetate	4	0	4	1	2	3	1	4	2	3	1	4	1	0	1	2	2
Butyl Cellosolve Adipate	4	0	4	4	2	1	1	2	2	4	2	4	4	0	4	2	2
Butyl Chloride	1	0	1	2	4	1	1	1	1	1	4	1	4	0	4	0	2
Butyl Ether	4	0	3	4	3	3	1	4	3	3	3	3	4	0	4	0	4
Butyl Glycolate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Butyl Lactate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2

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Butyl Laurate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Butyl Mercaptan	4	0	4	4	4	2	1	4	0	4	4	4	4	0	4	0	4
Butyl Methacrylate	4	0	4	1	1	2	1	4	1	3	1	3	1	0	1	0	2
Butyl Oleate	0	0	0	4	2	1	1	1	2	4	2	4	4	0	4	1	0
Butyl Oxalate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Butyl Phenol	4	0	4	4	4	1	1	2	0	4	4	4	4	1	4	0	4
Butyl Stearate	0	0	0	4	4	1	1	1	2	2	4	2	4	0	4	1	0
Butylamine	4	0	4	4	4	4	1	4	4	1	4	3	4	0	4	2	4
Butylbenzoic Acid	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Butylene	4	0	1	2	4	1	1	1	2	1	4	2	4	1	4	2	4
Butylene Glycol	0	0	1	1	1	0	1	2	1	1	1	1	1	1	1	0	1
Butyne Diol	0	0	1	2	1	0	2	2	0	1	1	1	1	1	1	0	0
Butyraldehyde	4	4	4	4	2	3	2	4	4	4	2	4	2	1	2	4	4
Butyric Acid	4	0	0	2	2	2	1	3	0	1	2	4	4	1	4	1	0
Butyric Anhydride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Butyrolacetone	4	0	4	1	1	2	1	3	1	3	1	3	1	0	1	0	2
Butyryl Chloride	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Cadmium Chloride	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Cadmium Cyanide	4	0	4	1	1	1	1	1	1	3	1	1	1	0	1	1	2
Cadmium Nitrate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Cadmium Oxide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Cadmium Sulfate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Cadmium Sulfide	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Calcine Liquors	4	0	4	2	1	1	1	1	1	1	1	1	0	0	0	1	0
Calcium Acetate	4	0	4	2	1	3	1	4	4	2	1	2	1	0	4	1	4
Calcium Arsenate	4	0	4	1	1	1	1	1	1	3	1	1	1	0	1	1	2
Calcium Benzoate	4	0	3	4	4	1	1	1	2	2	4	2	4	0	4	0	0
Calcium Bicarbonate	4	0	4	1	1	1	1	2	1	3	1	3	1	0	1	0	2
Calcium Bisulfide	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Calcium Bisulfite	3	0	1	1	4	1	1	1	3	1	1	1	1	1	1	1	3
Calcium Bromide	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Calcium Carbonate	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calcium Chlorate	4	0	4	1	1	1	1	1	1	3	1	3	1	0	1	0	2
Calcium Chloride	1	1	4	1	1	1	1	1	1	1	1	1	4	1	1	1	1
Calcium Chromate	4	0	4	1	1	1	1	3	1	3	1	3	1	0	1	0	2
Calcium Cyanide	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1

1] Little or no effect (Volume swell <10%) 2] Possible loss of physical properties (Volume swell 10–20%)

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