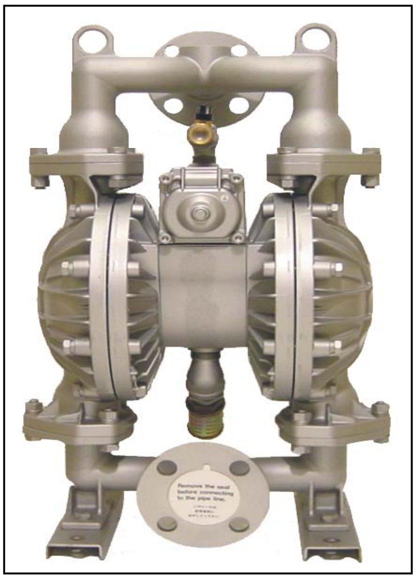
CHEMICAL RESISTANCE CHART©

I General Info

II Restistance chart



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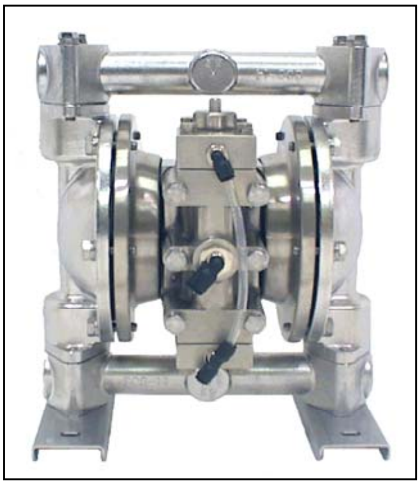

CHEMICAL RESISTANCE CHART© VER. 2/031210

This chart is intended as a general guide in the selection of proper pump construction materials. This listing includes the most common liquids used in industrial and processing applications. In using this guide, please take note of the following;

1. **The chart data has been compiled from many sources believed to be reliable.**
   NO GUARANTEE IS IMPLIED OR EXPRESSLY STATED HEREIN.

2. **Because of the extensive scope of this field the chart is not complete nor conclusive. Corrosion rates may vary widely with concentration, temperature and presence of abrasives. Impurities or other trace elements common in industrial liquids may inhibit or accelerate the reaction of the material being pumped and the effect on pump materials.**

3. **Chemicals or liquids may independently compatible with a type of pump construction, the combination of several liquids may change the chemical compatibility with a given metal/plastic and elastomer. It is important that this is remembered when selecting acceptable materials of construction for a pump.**

4. **In the case of uncertainty regarding corrosion resistance, testing the materials of construction under conditions as close to actual as posible is recommended.**

<u>Ratings key</u> : A = Excellent, B = Good, C = Fair to poor, X = Not recommended, - = No data available.
APb=Excellent up to boiling point, A ..%=Excellent up to the perc. concentration, A ..ºC= excellent up to the given temp (Celsius)
Unless otherwise stated, info is provided at ordinary temp.

<u>A general indication on chemical resistance in relation to Ph value</u>

Ph value of the liquid can be used to determine the appropriate material for the wet parts and diaphragm material of the pump.

<table>
<tr><td colspan="2">←</td><td>2 - 6</td><td>7</td><td>8 - 12</td><td colspan="2">→</td></tr>
<tr><td colspan="2" rowspan="2">PTFE</td><td>PPG</td><td rowspan="3">AL</td><td>PPG</td><td colspan="2" rowspan="2">PTFE</td></tr>
<tr><td>SS</td><td>SS</td></tr>
<tr><td>PTFE</td><td colspan="2">PVDF</td><td colspan="2">PVDF</td><td>PTFE</td></tr>
</table>

←ACCID NEUTRAL ALKALIES →

<u>WARNING regarding Halogenated solvents!</u>

Halogenated hydrocarbon solvents such as 1,1,1 Trichloroethane and Methylene Chloride, should not be used in Aluminium equipment. A VIOLENT EXPLOSION COULD RESULT;
- **Carbon Tertrachloride**
- **Chloroform**
- **Dichlorethylene**
- **Methyl Chloride**
- **Methylene Chloride**
- **Trychlorethylene**

yamada

CHEMICAL RESISTANCE CHART© VER. 2/031210

Ratings key : A = Excellent, B = Good, C = Fair to poor, X = Not recommended, - = No data available.

Unless otherwise stated, info is provided at ordinary temp.

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
A	Acetaldehyde (Ethanal)	CH_3CH0	X	A	B	X	A	B	X	A	C	A	C	A	A66°	A	C22°	A	A
A	Acetamide (Acetic Acid Amide)	CH_3COHN_2	B	A	-	B	A	B	B	A	B	X	A	-	A60°	A	-	A	A
A	Acetate Solvents	CH3COOR	X	-	-	X	A	B	X	A	X	A	X	A	A	A	-	A	A
A	Acetic Acid < 20%	CH_3COOH	C	A	X	B	A	A	C	B	X	A	B	A	A	A	-	-	A
A	Acetic Acid < 30%	CH_3COOH	C	A	X	B	A	A	X	C	X	A	C	B	B	A	-	-	A
A	Acetic Acid < 50%	CH_3COOH	C	A	-	C	A	A	C	X	X	A	C	B	B	A	-	-	X
A	Acetic Acid Glacial	CH_3COOH	C	B	X	X	A	A	X	X	X	A	C	B	A48°	A	-	A	X
A	Acetic Andydride (Acetic Oxide)	$(CH_3CO)_2O$	C	B	C	B	A	A	X	B	B90%	A	X	X	B21°	A	-	A	A
A	Acetone (Dimethylketone)	CH_3COHO_3	X	A	C	X	A	A	X	B	A	B	X	B	X	A	X22°	A	B
A	Acetone Cyanohydrin	$(CH_3)_2C(OH)CH$	X	X	-	B	A	A	X	A	C	A	-	-	-	A	-	-	A
A	Acetonitrile (Methyl Cyanide)	CH_3CN	C	A	-	A	A	B	X	A	A	B	B36°	A	A	A	-	-	A
A	Acetophenone (Phenyl Methyl Ketone)	$C_6H_5COCH_3$	X	A	-	X	A	B	X	B	B	A	A21°	-	A	A	-	A	A
A	Acetyl Acetone (2,4-Pentanedione)	$CH_3COCH_2COH^2$	X	A	-	X	A	B	X	B	X	B	-	-	-	A	-	-	-
A	Acetyl Chloride	CH_3COCl	X	C	X	X	A	B	B	X	X	B	X	-	A	A	-	A	X
A	Acetyl Monochloride		X	B	-	X	A	-	A	B	-	X	X	-	-	-	A	-	-
A	Acetyl Trichloride		X	A	-	X	A	-	X	-	-	X	A21°	-	-	A	X22°	-	-
A	Acetylene (Ethyne)	CH_2H_2 (HC=CH)	A	A	A	C	A	C	A	A	A	A	X	A	A	A	A	A	-
A	Acetyl Salicylic Acid (Aspirin)	$(CH_3OCO)CH6_4COOH$	-	B	-	X	A	A	-	A	X	B	-	-	-	A	-	-	-
A	Acetylene Tetrabromide (Tetra Bromoethane)	$(CHBr_2)_2$	X	-	-	X	A	X	A	X	X	A	-	-	-	A	-	-	-
A	Acrolein (Acrylaldehyde)	H_2C=CHCHO	B	-	-	-	A	A	A	A	B	B	-	-	-	A	-	-	-
A	Acrylonitrile (Vinyl Cyanide)	CH_2=CHCN	X	X	-	X	A	A	X	A	B	A	B	-	A	A	X	-	A
A	Acetaldehyde (Ethanal)	CH3CH0	X	A	B	X	A	B	X	A	C	A	C	A	A66°	A	C22°	A	A
A	Acetamide (Acetic Acid Amide)	CH3COHN2	B	A	-	B	A	B	B	A	B	X	A	-	A60°	A	-	A	A
A	Acetate Solvents	CH3COOR	X	-	-	X	A	B	X	A	X	A	X	A	A	A	-	A	A
A	Acetic Acid < 20%	CH3COOH	C	A	X	B	A	A	C	B	X	A	B	A	A	A	-	-	A
A	Acetic Acid < 30%	CH3COOH	C	A	X	B	A	A	X	C	X	A	C	B	B	A	-	-	A
A	Acetic Acid < 50%	CH3COOH	C	A	-	C	A	A	C	X	X	A	C	B	B	A	-	-	X
A	Denatured Alcohol	Alcohol	A	A	-	B	A	A	B	B	B	A	A	A	A	A	-	-	-
A	Diacetone (Tyranton)	$(CH_3)_2C(OH)CH_2COCH_3$	X	A	A	A	A	B	X	B	A	A	X	A	A	A	-	-	-
A	Ethyl (Ethanol)	CH_3CH_2OH	A	A	-	A	A	A	B	B	A	A	B	A	A	A	-	-	-
A	Ethyl Butyl Alcohol	Alcohol	A	B	-	B	A	B	B	B	A	A	A20°	A	A	A	-	-	-
A	Hexyl (1-Hexanol)	$C_5H_{11}CH_{20}H$	A	A	-	B	A	B	A	A	A	A	A21°	A	A	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
A	Isoamyl Alcohol	Alcohol	B	A	-	A	A	A	A	B	B	A	A	A	A	A	-	-	-
A	Isobutyl (Isobutanol)	Alcohol	B	A	-	B	A	A	B	B	B	A	A	-	A66°	A	A	-	-
A	Isopropyl (Isopropanol)	Alcohol	A	A	A	B	A	A	A	A	A	A	A	-	A66°	A	-	-	-
A	Lauryl Alcohol (n-Dodecanol)	Alcohol	A	-	-	-	A	B	B	A	A	A	A	-	A	A	-	-	-
A	Methyl Amyl Alcohol	Alcohol	A	A	-	A	A	A	A	B	B	A	A48°	-	-	A	-	-	-
A	Methyl (Methanol)	Alcohol	A	-	A	B	A	B	B	A	A	A	A	-	A	A	-	-	-
A	Octyl (Caprylic Alcohol)	Alcohol	B	A	-	B	A	B	A	A	A	A	A	-	A48°	A	-	-	-
A	Propyl (Propanol)	$C_2H_5CH_{2O}H$	A	A	-	-	A	-	B	A	A	A	A	-	A	A	-	-	-
A	Tridecyl Alcohol	Alcohol	B	-	-	X	A	-	B	X	X	-	-	-	-	A	-	-	-
A	Allyl Bromide (3-Bromopropene)	$H_2C=CHCH_2Br$	X	X	-	X	A	-	B	X	X	B	A21°	-	A	A	-	-	-
A	Allyl Chloride (3-Chloropropene)	$CH_{2=}CHCH_2CI$	X	-	-	X	A	X	A	X	-	B	A21°	A	-	A	-	-	-
A	Alkazene (Chlorethyl or Polyisopropyl benzenes)		X	-	-	X	A	B	-	-	-	-	-	-	-	A	-	-	-
A	Alum (Aluminum Potassium Sulfate Dodecahydrate	$Kal(SO_4)_2$ * $12H_2O$	A	A	-	A	A	A	X	-	-	B	A	-	A	A	-	-	-
A	Aluminum Acetate (Burow's Solution)	$Al(CH_3COO)_3$	C	A	-	C	A	A	X	B	C	A	A36°	A	A	A	-	-	-
A	Aluminum Ammonium Sulfate (Alum)	$AINH_4(SO_4)2$	B	-	-	B	A	A	A	-	-	-	A	-	A	A	-	-	-
A	Aluminum Bromide	$AIBr_3$	B	A	-	A	A	-	-	-	-	-	-	-	A	A	-	-	-
A	Aluminum Chloride	$AICI_3$	A	A	B	A	A	A	A	X	C	B	A	B	A	A	-	-	-
A	Aluminum Fluoride	AlF_3	A	B	-	A	A	A	A	A50%	C	C	A	X	A	A	A60°	-	A
A	Aluminum Hydroxide (Alumina Trihydrate)	$Al(OH)_3$	B	A	-	A	A	A	C	B10%	B30%	B	A	-	A	A	A60°		A
A	Aluminum Nitrate	$Al(NO_3)_3{*}_9H_2O$	A	A	-	A	A	A	A	X	-	A10%	A	-	A	A	A60°	-	-
A	Aluminum Phosphate	$AIPO_4$	A	A	-	A	A	A	A	-	-	-	-	-	-	A	A	A	B
A	Aluminum Potassium Sulfate (Potash Alum)	$KAI(SO_4)_2$	A	A	-	A	A	A	A	A10%	X	A	A	A	A	A	-	-	X
A	Aluminum Sodium Sulfate (Soda Alum)	$NaAI(SO_4)_2$	A	A	-	A	A	-	A	-	-	A	-	-	-	A	-	A	-
A	Aluminum Sulfate (Cake Alum)	$Al_2(SO_4)_3$	A	A	B	A	A	A	A	B30%	X	A50%	A	B	A	A	A60°	-	A
A	Almond Oil		X	B	-	X	A	-	X	-	-	-	-	-	-	A	-	-	-
A	Amidosulfuric Acid	HSO_3NH_2	B	-	-	A	A	-	-	A10%	X	X	-	-	-	-	-	-	-
A	Amines	$R-NH_2$	X	A	A70%	B	A	A	X	A	-	A	B	C	X	A	-	-	A
A	Ammonia Anhydrous, Liquid	NH_3	B	A	X	B	A	A	X	A	A	A	A	X	A	A	A60°	-	A
A	Ammonia Copper		-	A	-	A	A	-	A	-	-	-	A	-	-	-	-	-	-
A	Ammonia Gas - Cold		A	-	-	A	A	A	A	-	-	-	-	-	-	A	-	-	-
A	Ammonia Gas - Hot		C	-	-	B	A	A	X	-	-	-	-	-	-	A	-	A	-
A	Ammonia Liquors		-	-	-	A	A	A	X	A	A	A	-	-	-	A	-	-	-
A	Ammonia Cupric Sulfate	$(NH_4)_2Cu(SO_4)_2$	A	-	-	-	A	-	A	-	-	-	-	B	-	A	-	-	-
A	Ammonia Water	NH_4OH	A65°	A	X	A20%	A	A	A24°	A	B	A36°	A100%	-	-	-	A20%	-	A
A						24°							50°				60°		
A	Ammonium Acetate	$CH_3CO_2NH_4$	-	-	-	A	A	A	A	A	B50%	A50%	-	-	-	A	-	-	-
A	Ammonium Bicarbonate	NH_4HCO	A	A	-	A	A	B	A	B	B	B90%	-	-	-	A	-	-	-
A	Ammonium Bromide	NH_4Br	A	A	-	A	A	-	A	B	B	B	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
A	Ammonium Bifluoride - 10%	NH_4HF_2	B	A	-	X	A	A	A	C	X	B	A	-	A	A	-	-	-
A	Ammonium Carbonate	$(NH_4)_2CO_3$	X	A	-	B	A	A	A	B	B	B70%	A	-	A	A	A	A	A60°
												100°							
A	Ammonium Casenite		-	-	-	A	-	A	-	-	-	B	-	-	-	-	-	-	-
A	Ammonium Chloride (Sal Ammoniac)	NH_4Cl	A	A	A	A	A	A	A	X	X	A30%	A	-	A	A	A65°	-	A10%
A	Ammonium Dichromate	$(NH_4)_2Cr2O^7$	A	A	A	A	A	A	-	A	A	B	-	X	-	A	-	-	-
A	Ammonium Disulfide		B			X	A	-	-	X	X	B	-	-	-	A	-	-	-
A	Ammonium Fluoride	NF_4F	B	A	-	B	A	-	A20%	B10%	B20%	A50%	B	-	A	A	A60°	-	-
A	Ammonium Hydrogen Sulfite	NH_4HSO_3	X	X		B	Abp	-	A	B	X	Abp	A	-	-	Abp	A30°	-	-
A	Ammonium Hydrogencarbonate	NH_4HCO_3	A	A		A	A	-	A	-	-	A	A	-	-	A	-	-	-
A	Ammonium Hydroxide (Aqua Ammonia)	NH_4OH	B	A	-	B	A	A	B	B30%	B30%	B	A	-	A	A	-	-	X
A	Ammonium Metaphosphate		A	A	-	A	A	-	A	B90%	B	A	A	B	A	A	-	A	-
A	Ammonium Nitrate		A	A	-	A	A	A	A	B	A	-	A	-	A	A	-	-	-
A	Ammonium NitrIte	NH_4NO_3	A	-	-	A	A	A	-	-	-	A	A70%	A	A	A	-	A	-
A	Ammonium Oxalate	$(NH_4OOC)_2$	A	-	-	A	-	A	-	-	-	-	B	-	B	A	-	-	-
A	Ammonium Perchlorate	NH_4ClO_4 10%	-	-	-	A100°	A	-	-	-	-	A100°	-	-	-	A	-	-	-
A	Ammonium Persulfate	$(NH_4)_2S_2O_8$	B	A	-	A	A	A	A	C	X	A	A	-	A	A	-	-	X
A	Ammonium Phosphate Monobasic	$(NH_4)H_2PO_4$	A	A	B	A	A	A	A	X	X	B	A	A	A	A	A	-	-
A	Ammonium Phosphate, Di Basic	$(NH_4)_2HPO_4$	A	-	-	A	A	A	A	B	-	A	A	B	A	A	-	A	-
A	Ammonium Phosphate, Tri-Basic	$(NH_4)2PO_4*3H_2O$	A	-	-	A	A	A	A	X	-	B	A	-	A	A	-	-	-
A	Ammonium Sulfate	$(NH_4)_2SO_4$	A	A	C	A	A	A	A	X	B	100°C	A	B	A	A	-	A	-
A	Ammonium Sulfide	$(NH_4)_2S$	A	-	A	A	-	A	B	C	B	B	A	-	A	A	-	-	-
A	Ammonium Sulfite	$(NH_4)_2SO*_3H_2O$	A	-	-	-	A	-	A	C	X	B	A	X	A	A	-	-	A
A	Ammonium Thiocyanate	NH_4SCN	A	A	-	A	A	-	A	C	C	A50%	B	-	A	-	-	A	-
A	Ammonium Thiosulfate	$(NH_4)_2S_2O_3$	A	A	-	A	A	A	A	A40%	X	A10%	-	-	B	A	A	-	-
A	Amyl Alcohol	$C_6H_{11}OH$	A	A	B	A	Abp	A	A24°	A	B	Abp	A85°	-	-	Abp	A60°	-	A
A	n-Amyl Amine (1-Aminopentane)	$CH_3CO_2C_3H_{11}$	C	X	-	X	A	-	X	-	-	-	-	-	-	A	-	-	-
A	Amyl Borate	$C_5H_{11}BO_3$	A	X	-	B	A	B	A	-	-	-	-	-	-	A	-	-	-
A	Amyl Chloride (Chloropentane)	$CH_3(CH_2)_4Cl$	C	X	-	X	A	C	A	X	A	A	X	A	A	A	X	-	X
A	Amyl Chloronaphthalene		X	-	-	X	A	C	A	-	-	-	-		-	A	-	-	-
A	Amyl Naphtalene	$C_{15}H_{18}$	X	X	-	X	A	C	A	-	-	-	-	-	-	A	-	-	-
A	Amyl Phenol	$C_6H_4(OH)C_5H_{11}$	X	-	-	-	A	-	A	A	A	A	-	A	-	A	-	-	-
A	Amylamine	$CH_3(CH_2)_4NH_2$	X	X		X	A	-	X	-	-	A	A	-	-	A	-	-	-
A	Aniline (Anilene Oil) (Amino Benzene)	$C_6H_5NH_2$	X	C	X	X	A	A	B	B	A	A	A	B	A	A	-	A	A
A	Aniline Chloride			-	-	-	-	-	-	X	X	X	-	-	-	-	X22°	-	-
A	Aniline Dyes		X	C	-	X	A	B	B	B	C	B	A	-	A	A	-	-	X
A	Anillene Hydrochloride	$C_3H_5NH_2*HCI$	C	-	-	X	A	A	B	X	X	X	X	-	A	A	-	-	-
A	Animal Gelatin		A	A	-	A	A	A	A	-	-	A	A	-	A	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
A	Anisole (Methylphenyl Ether)	$C_6H_5OCH_3$	C	-	-	X	A	-	X	B	B	B	-	B	-	A	-	-	-
A	Ansul Ether		C	-	-	X	A	X	X	-	-	-	-	-	-	A	-	-	-
A	Anthraquinone	$C_{14}H_8O_2$	A	-	-	-	A	-	-	B	B	B	-	A	-	A	-	-	-
A	Anti-Freeze-Alcohol Base		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-
A	Anti-Freeze-Glycol Base		A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	-	-
A	Antimony Chloride			-	-	A	A	-	-	X	X	X	A	-	-	A	A	-	-
A	Antimony Pentachloride	$SbCl_3$	X	-	-	-	A	-	-	A	A	A	-	A	-	A	-	-	-
A	Antimony Trichloride	$SbCl_5$	B	A	-	-	A	-	A	B	A	A	A	B	A	A	-	-	A
A	Antimony (V) Chloride		X	-	-	-	A	-	-	A	A	A	-	-	-	A	-	-	-
A	Aqua Regia (Nitric & Hydrochloric Acid)		X	X	-	X	A	X	B	X	X	X	C	C	A	A	-	X	X
A	Aroclor	PCB Mixtures	C	X	-	X	A	-	A	A	B	A	-	-	-	A	-	-	-
A	Aromatic Hydrocarbons	C_6H_5R	X	X	C	X	A	C	A	A	A	A	X	-	A	A	-	-	-
A	Aromatic Solvents (Benzene, etc.)		C	X	X	X	A	-	A	A	B	A	B	-	A	A	-	-	-
A	Arsenic Acid	AsH_3O_4	B	A	-	A	A	A	A	A	X	B	A	B	A	A	A	A	X
A	Arsenic Trichloride (Arsenic Butter)	$AsCI_3$	C	X	-	A	A	B	X	B	B	X	-	-	-	A	-	-	-
A	Aryl Chloride	CH_2=$CHCH_{2cl}$	X	X		X	A	X	B	X	X	B	-	-	-	A	-	-	-
A	Absorbic Acid	$C_6H_80_6$	-	-	-	-	A	-	A	A	X	A	-	-	-	A	-	-	-
A	Ash Water		A	A	-	A	A	A	A	A	A	A	A	-	-	A	A	-	-
A	Askarel (Pyranol)	PCB Mixtures	B	X	-	X	A	X	C	-	-	A	-	-	-	A	-	-	-
A	Asphalt	Hydrocarbons	B	X	-	C	A	B	A	A	B	A	A	-	A	A	-	-	A
A	Asphalt Topping		C	-	-	A	A	-	C	-	A	A	-	B	A	A	-	-	-
A	ASTM - Ref Motor Fuel																		
A	A (Aliphatic)		A	X	A70°	B	A	C	A	A	A	A	-	-	-	A	-	-	A
A	B (30% Aromatic)		A	X	A70°	X	A	X	A	A	A	A	-	-	-	A	-	-	A
A	C (50% Aromatic)		B	X	C	X	A	X	A	A	A	A	-	-	-	A	-	-	A
A	ASTM - Ref Oil																		
A	#1 (High Anilene)		A	X	A100°	B	A	B	A	A	A	A	-	-	-	A	-	-	A
A	#2 (Medium Anilene)		A	X	A	B	A	-	A	A	A	A	-	-	-	A	-	-	A
A	#3 (Low Anilene)		A	X	A100°	C	A	-	A	A	A	A	-	-	-	A	-	-	A
A	#4 (High Anilene)		B	X	-	X	A	-	A	A	A	A	-	-	-	A	-	-	A
A	Aviation Gasoline		A	X	-	C	A	X	A	A	A	A	-	-	-	A	-	-	-
B	Barbeque Sauce	Water, oils, spices	A	-	-	A	A	B	-	-	X	A	A	-	A	A	-	-	-
B	Barium Carbonate	$BaCO_5$	A	A	-	A	A	A	A	X	B	B	A	-	A	A	-	A	A
B	Barium Chloloride Dihydrate	$BaCl_2$*$2H_2O$	A	A	-	A	A	-	A	B50%	B	B100°	A	A	A	A	-	A	X
B	Barium Cyanide	$Ba(CN)_2$	C	-	X	A	-	A	A	-	-	A	X	-	-	A	-	-	-
B	Barium Hydroxide (Barium Hydrate)	$Ba(OH)_2$	A	A	B	A	A	A	A	X	B	B	AB	A	A	A	A	-	A
B	Barium Nitrate	$Ba(NO_3)_2$	A	-	-	A	A	A	-	B	A	A	A	B	A	A	-	A	A
B	Barium Peroxide	BaO_2 10%	-	-	-	-	-	-	-	-	-	A33°	-	-	-	-	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
B	Barium Sulfate (Blanc Fixed)	$BaSO_4$	A	A	X	A	A	A	A	B	B	B	A	B	A	A	-	A	A
B	Barium Sulfide	BaS	A	A	-	A	A	A	A	X	-	B	A	-	A	A	-	-	A
B	Beef Extract		A	-	-	A	A	-	A	-	X	A	-	-	-	A	-	-	
B	Beer	Water, Carbonate	C	A	B	A	A	A	A	A	X	A	A24°	A	A80°	A	-	A	A
B	Beet Sugar Liquors (Sucrose)		A	A	-	A	A	A	A	A	B	A	A	B	A	A	A	-	A
B	Benzal Chloride	$C_6H_5CHC_{12}$	X	-	-	-	A	-	-	B	B	A	-	-	-	A	-	-	-
B	Benzaldehyde	C6H5CHO	X	B	B	X	A	B	X	A	A	A	X	-	A	A	-	A	X
B	Benzene (Benzol)	C6H6	X	X	C21°	X	A	C	B	B	B	A75°	X	A	B	A	-	A	A
B	Benzene Sulfonic Acid	C6H5DO3H	X	C	-	A	A	-	A	C	A	A	X	-	B36°	A	-	A	-
B	Benzoic Acid (Benzene Carboxylic Acid)	C6H5COOH	X	B	-	B	A	A	A	B	X	B	X	B	A	A	-	A	X
B	Benzoyl Chloride	C6H2COCl	X	X	-	X	A	A	X	X	X	B	A	A	A	A	-	A	-
B	Benzyl Acetate	CH3CO2 CH2C6H5	X	-	-	-	A	A	X	A	A	A	-	-	-	A	-	-	-
B	Benzyl Alcohol		X	X	-	X	A	A	A	A	A	A	A	-	A	A	-	-	X
B	Benzyl Benzoate	C6H5CO2CH2C6H5	X	B	-	X	A	C	A	A	B	B	-	-	-	A	-	-	-
B	Benzyl Chloride (Chlorotoluene)	C6H5CH2CI	X	X	-	X	A	C	A	X	A	B	X	-	A	A	-	-	A
B	Benzyl Dichloride (Benzal Chloride)	C6H5CHCI	X	X	-	X	A	-	A	X	B	A	B	-	A	A	-	-	-
B	Benzylsulfonic Acid		A	X	-	X	A	-	B	B	B	B	-	-	-	A	-	-	-
B	Benzol (Benzene)	C6H6	X	X	C21°	X	A	B	B	B	B	-	X	A	B	A	-	A	-
B	Biphenyl (Diphenyl)	$C_6H_5C_8H_5$	X	X	-	X	A	-	A	A	A	-	-	-	-	A	-	-	-
B	Bismuth Subcarbonate (Bismuth Carbonate)	$(Bi0)_2CO_3$	A	A	-	A	A	-	A	-	-	B10%	B	-	A	A	-	-	-
B	Black Sulfate Liquor		B	A	B	A	A	B	A	C	B	A	-	-	-	A	-	-	-
B	Blast Furnace Gas	CO,H_2CH_4,CO_2N_2	C	-	B	A	A	-	A	-	-	-	-	-	-	A	-	-	-
B	Bleach Solutions	water, chlorine, oxygen	X	A	X	X	A	B	B	X	-	B	B3%	-	A	A	-	-	-
B	Borax (Sodium Borate)	$B_4Na_20_2$	B	A	A	A	A	A	A	B	B	A	A	B	A	A	A	A	A
B	Bordeaux Mixture	Copper sulfate salts	A	A	B	A	A	A	-	-	-	A	-	-	-	A	-	-	-
B	Boric Acid (Boracic Acid)	H_3BO_3	A	A	A	A	A	A	A	A	X	A30%	A	C	A	A	A	A	B
B	Boron Trichloride	BCL_3	-	A	-	-	A	-	-	-	-	A	A	-	-	A	X22°	-	-
B	Boron Trifluoride	BF_3	-	-	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
B	Brake Fluid (non-petroleum base)	Silicones or glycols	X	A	-	A	A	A	-	A	A	A	X	-	-	A	-	-	B
B	Brake Fluid (Hexyleneglycol)		A	X	-	A	A	-	A	A	A	A	-	-	-	A	-	-	-
B	Brewery Slop		A	-	-	A	A	A	A	-	A	A	-	-	-	A	-	-	-
B	Brine (Sodium Chloride)	Salt Water	A	A	B	A	A	A	A	-	X	A	A	-	A	A	-	-	-
B	Bromine Anhydrous	Br_2	X	C	X	X	A	C	A	B	C	X	X	-	A66°	A	-	-	-
B	Bromine Trifluoride	BrF_3	X	X	-	X	A	C	X	A	-	B	X	-	-	A	-	-	-
B	Bromine Water		X	X	-	B	A	B	B	X	-	X	C	-	A	A	-	-	-
B	Bromobenzene	C65H5Br	X	X	-	X	A	X	B	X	X	A	X	-	-	A	-	-	-
B	Bromochloromethane	BrCH2CI	X	B	-	X	A	-	C	X	B	B	-	-	-	A	-	-	-
B	Bromotoluene	C6H4BrCH3	X	-	-	-	A	-	B	X	B	A	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
B	Bronzing liquid		X	B	-	X	A	A	X	-	-	A	-	-	-	A	-	-	-
B	Bronze Solution		X	B	-	X	A	-	X	-	-	A	-	-	-	A	-	-	-
B	Bunker Fuel		A	X	-	B	A	-	A	A	A	A	A	-	-	A	-	-	-
B	Butadiene	C4H6	X	C	-	C	A	A	C	A	-	A	X	-	A	A	-	A	A
B	Butane (LPG) (Buty Hydride)	C4H10	A	X	A	B	A	C	A	A	A	A	X	B	A	A	A	A	-
B	Butanol (Butyl Alcohol)	C_4HaOH	A	A	B	A	A	B	A48°	A	B	A	-	-	-	A	-	-	-
B	Butter	Fats	A	A	B	C	A	A	A	A	X	A	A	-	-	A	-	-	-
B	Buttermilk	Fats, water	A	-	-	A	-	A	A	A	X	A	A	-	A36°	A	-	-	-
B	Butyl Acetate	CH3CO2(CH2)3CH3	X	B	-	X	A	C	X	A	A	A	X	-	B	A	-	-	-
B	n-Butyl Acetate	CH3CO2(CH2)3CH3	X	B	-	X	A	B	X	A	A	A	-	-	-	A	-	-	-
B	Butyl Acetyl Ricinoleate	C24H4405	C	C	-	X	A	B	B	-	A	-	-	-	-	A	-	-	-
B	Butyl Acrylate	$CH_2CHCO_2C4H_9$	X	X	-	X	A	C	X	-	-	-	-	-	C	A	-	-	-
B	Butyl Amine (Aminobutane)	CH3(CH2)CH2NH2	B	X	-	X	A	A	X	A	A	A	X	C	B21°	A	A	A	-
B	Butyl Alcohol (Butanol)		A	B	B	A	A	-	A	A	B	A	A	-	A	A	-	-	-
B	Butyl Benzoate	C6H5COO (CH2)3CH3	-	B	X	X	A	C	A	B	B	B	-	-	-	A	-	-	-
B	Butyl Butyrate	$CH_3(CH_2)_2\ CH_2CO_2C^4H_2$	X	-	-	-	A	-	X	A	A	A	-	-	-	A	-	-	-
B	Butyl Bromide	$C_2H_5CH\ BrCH_3$	X	-	-	-	A	-	B	-	-	-	-	-	A	A	-	-	-
B	Butyl Carbitol	$CH_3(CH^2)_3OCH\ CH_2OCH_2CH_2$	A	A	-	B	A	B	A	-	-	-	-	-	-	A	-	-	-
B	Butyl Cellosolve	$HOCH_2CH_2OC_4H_9$	B	A	-	C	A	A	C	A	A	A	A	A	B	A	-	-	-
B	Butyl Chloride (Chlorobutane)	$CH_3(CH_2)_3CL$	X	-	-	-	A	-	A	X	B	B	X	-	A	A	-	-	A
B	Butyl Ether (Dibutyl Ether)	$CH_3(CH_2)_3CL$	A	-	-	B	A	-	C	A	B	A	X	-	A36°	A	-	A	-
B	Butyl Oleate	$C_{22}H_{42}0_2$	-	C	-	X	A	C	A	-	-	-	-	-	-	A	-	-	-
B	Butyl Stearate	CH3(CH2)16 CO2(CH2)3CH3	A	C	-	X	A	C	B	B	B	B	-	-	A	A	-	-	-
B	Butylene (Butene)	C_4H_8	B	X	-	X	A	X	B	A	-	A	X	-	A	A	-	A	-
B	Butyraldehyde	$CH_3(CH_2)^2CH0$	X	C	-	X	A	C	X	A	A	A	-	-	B	A	-	-	-
B	Butyric Acid	$CH_3(CH_2)C0_2H$	C	C	B	X	A	C	X	A	A	A	A	-	A	A	-	-	-
B	Butyric Anhydride	$(CH_3CH_2CH_2CO)_2O$	C	C	B	X	A	A	C	A	X	B	-	X	A	A	-	A	-
B	Butyronitrile	$CH_3CH_2CH_2CN$	C	A	-	-	A	-	-	A	-	A	-	A	-	-	-	A	-
B	Butyl Glycol	$HO\text{-}CH_2\text{-}CH{=}CH\text{-}CH_2\text{-}OH$	X	B	-	A	-	-	A40°	A	A	A	A	-	-	-	A40°	-	-
C	Calcium Acetate Hydrate	$Ca(CH_3COO)_2{*}H_20$	X	A	X	C	X	A	X	C	-	B	-	-	-	-	-	A	-
C	Calcium Bisulfite	$Ca(HSO_3)_2$	B	A	-	C	A	-	X	C	C	B	-	-	-	A	-	-	-
C	Calcium Carbonate (Chalk)	$CaCO_3$	A	A	-	A	A	-	A	C	B	A90°	A	X	A	A	-	A	A
C	Calcium Chlorate	$Ca(ClO_3)_2$	A	A	-	A	A	A	A	C	B	B	A	A	A	A	A	-	X
C	Calcium Chloride (Brine)	$CaCl_2{*}6H_20$	A	A	-	A	A	-	A	B30%	B	A30%	A	-	A	A	A	-	X
C	Calcium Disulfide	$Ca(HS)_2$	X	A	-	X	A	-	A	X	X	X	X	-	-	A	X	-	-
C	Calcium Hydrosulfide (Calcium Sulfhydrate)	$Ca(HS)_2{*}6H_20$	A	A	-	A	A	A	A	-	A	A	A	X	A	A	A	A	A
C	Calcium Hydroxide (Slaked Lime)	$Ca(OH)0_2$	A	A	-	A	A	A	A	X	B	B	A	-	A	A	-	-	A
C	Calcium Hypochlorite 20%(Calcium Oxichloride)	$Ca(ClO)_2$	C	B	X	X	A	A	A	X	X	B	A	A	A	A	A	A	A

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
C	Calcium Nitrate	$Ca(NO_3)_2$	A	A	-	A	A	A	A	B100°	B100°	B100°	A	X	A	A	A60°	A	A
										0,4	0,3	0,4							
C	Calcium Oxide (Unslaked Lime)	CaO	A	A	B	A	A	B	A	A	A	A	B	-	A	A	-	-	-
C	Calcium Silicate	Ca_2SiO_4	A	-	-	-	A	-	A	A	B	A	-	-	-	A	-	-	-
C	Calcium Sulfate (Gypsum)	$CaSO_4$	A	A	-	A	A	A	A	C	B10%	A10%	A	X	A	A	-	A	X
C	Calcium Sulfide	CaS	A	A	-	B	A	A	A	A20%	B	B	A48°	-	A	A	-	-	-
C	Calcium Sulfite	$CaSO_3$*$2H_2O$	A	-	-	-	A	A	A	B10%	B	A10%	B21°	-	B21°	A	A30°	-	A
C	Calgon	$(NaPO_3)_6$	A	-	-	A	-	A	-	-	X	A	A	-	-	A	-	-	A
C	Cane Juice	Sucrose, water	A	-	-	A	-	A	A	B	A	A	X	-	-	A	-	-	-
C	Cane Sugar Liquors		A	A	B	A	A	A	B	A	A	A	A	-	A	A	-	-	-
C	Capryl Alcohol (Octanol)	$CH_3(CH_2)_6CH_2OH$	A	C	-	B	A	-	B	A	A	A	-	-	-	A	-	-	-
C	Caprylic Acid (Octanoic Acid)	$CH_3(CH_2)_6$ $COOH$	C	-	-	-	A	-	-	A	-	A	-	-	A	A	-	-	-
C	Carbamate	H_2NCO_2R	C	C	-	C	A	A	A	-	-	-	-	-	-	A	-	-	-
C	Carbitol	$CH_3CH_2OCH_2CH_2$ OCH_2CH_2O	B	C	-	C	A	B	C	A	A	A	-	-	-	A	-	-	-
C	Carbolic Acid (Phenol)	C_6H_5OH	X	C	X	C	A	A	A	B	A	B	C	X	A66°	A	A	-	-
C	Carbon Dichloride	CCl_2					A			-	-	A30°	-	-	-	A	-	-	-
C	Carbon Dioxide (Carbonic Acid Gas)	CO_2	A	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A60°
C	Carbon Sidulfide (Carbon Bisulfide)	CS_2	X	X	C	X	A	X	A	A	B	A90°	X	B	A	A	-	A	-
C	Carbon Disulfide	CS_2	X	X	B	X	A	X	A24°	A	B	A	X	-	A	A	A	-	B
C	Carbon Monoxide	CO	C	C	A	A	A	A	C	A	A	A	A	B	A	A	A	-	A
C	Carbon Tetrachloride (Tetrachloromethane)	CCL_4	C	X	X	X	A	X	A	X	C	B	X	B	A	A	A	A	B
C	Carbonated Beverages	$C0_2/H_20$	B	B	A50%	X	A	A	A	X	X	A	A	A	A	A	A	A	-
C	Carbonic Acid (liquid)	H_2CO_3	B	-	C	A	A	A	A	A	X	B	A	A	A	A	A	A	A
C	Casein	a phosphoprotein	A	A	-	A	A	-	A	B	-	B	-	-	-	A	-	-	-
C	Catsup (Ketchup)		A	A	-	C	A	A	A	B	X	A	A	-	-	A	-	-	-
C	Cellosolve (Glycol Ethers)	$HOCH_2CH_2OR$	C	C	X	C	A	C	B	A	-	A	A100%	A	A	A	A	A	A
C	Cellulose Acetate	$C_8H_{12}O_5$	B	-	-	B	A	-	C	B	B	A	C	-	A	A	-	-	-
C	Cellelube Hydraulic Fluids (Phosphate Esters)		X	A	C	X	A	X	B	A	A	A	-	-	-	A	-	-	-
C	Cellulose Acetate		B	-	-	B	A	-	X	B	B	A	-	-	-	A	-	-	-
C	Chloric Acid	$HClO_3$	X	-	-	A	A	A	B	X	-	X	A	-	A	A	-	-	-
C	Chlorinated Lime - 35% Bleach	$CA(ClO)_2$	C	A	X	X	A	X	A	-	X	A	-	-	-	A	-	-	-
C	Chlorinated Water		C	-	X	C	A	-	A	X	X	B	B	X	A	A	-	-	-
C	Chlorine - Dry	CL_2	C	-	X	C	A	-	A	X	-	B	X	-	A	A	-	-	-
	Wet	Cl_2/H_2O	C	X	X	X	A	C	A	B	C	A	X	X	A	A	-	X	-
	Anhydrous Liquid	Cl_2	X	-	-	X	A	C	A	X	X	X	-	A	A	-	-	-	-
C	Chlorine Dioxide	$ClO2$	X	C	-	X	A	X	B	B	-	X	X	-	A	A	-	-	-
C	Chlorine Trifluoride	ClF_3	X	X	-	X	A	X	B	A	-	A	X	-	-	-	-	-	X
C	Chloro-trifluoroethylene	F_2C:$CFCl$	X	-	-	B	A	-	A	-	X	A	-	-	X	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
C	Chloroacetic Acid (Monochloroacetic Acid)	$CICH_2COOH$	X	B	X	C	A	-	C	X	X	X	A	X	A	A	A	A	X
C	Chloroacetone (Monochloroacetone)	$CICH_2COCH_3$	X	A	-	C	A	C	C	X	B	B	X	-	-	A	-	-	-
C	Chlorobenzene (Monchlorobenzene)	C6H5CI	X	X	X	X	A	C	A	X	B	B	X	A	A66°	A	-	A	-
C	Chlorobutadiene (Chloroprene)	C4H5CL	X	X	-	X	A	C	A	X	B	B	X	-	-	A	-	-	-
C	Chlorobromomethane	CICH2Br	X	-	-	X	A	X	A	X	B	B	X	-	-	A	-	-	-
C	Chloroform	$CHCI_3$	X	X	X	X	A	X	A	X	A	A	X	A	A	A	A	A	-
C	1-Chloronaphthalene	$C_{10}H_7Cl$	X	X	-	X	A	X	C	X	B	B	X	-	-	A	-	-	-
C	Chlorosulfonic Acid	HSO_3CL	X	X	X	X	A	A	X	B	B	B	X	-	X	A	-	X	-
C	o-Chlorophenol	C_6H_5CIO	X	X	-	X	A	-	B	B	B	B	-	B	A	A	-	A	-
C	Chlorothene (Chlorinated Solvents)	CH_3CCL_3	X	-	-	X	A	-	C	X	X	A	-	-	-	A	-	-	-
C	Chlorotrifluoroethylene	C_2H_2CIF	X	-	-	-	A	-	-	B	B	B	-	-	-	A	-	-	-
C	Chlorox		C	A	X	B	A	B	A	-	X	A	B	-	A	A	-	-	-
C	Chocolate Syrup	Corn Syrup, water, sugar	A	-	-	A	A	A	-	-	X	A	A	-	-	A	A	-	-
C	Chrome Alum	$Cr_2(SO_4)_2K_2SO_4$	A			A	A	A		-	-	B	A85°	-	-	A	A60°	-	-
C	Chromic Acid to 25%	H_2CrO	X	A	X	X	A	A	A	B10%	B	X	C	X	A/48°	A	-	A	X
C	over 25%	H_2CrO_4	X	C	X	X	A	A	A	X	B	X	C	X	A/48°	A	-	A	X
C	Cider (Apple Juice)	Sucrose, water	A	B	B	A	A	A	A	B	X	A	-	-	-	A	-	-	-
C	Cinnamon Oil		-	-	-	X	A	-	-	-	X	A	-	-	-	A	-	-	-
C	Citric Acid	$C_6H_8O7*H_20$	B	A	A	A	A	A	A	B	X	A30%	B	B	A	A	-	A	X
C	Citrus Pectin Liquor		A	-	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
C	Citron Oil		X	B	-	X	A	-	A	-	X	A	A	-	-	A	-	-	-
C	Clover Oil		-	-	-	X	A	-	-	-	X	A	-	-	-	A	-	-	-
C	Coal Tar		A	X	-	X	A	-	A	B	B	B	-	-	-	A	-	-	-
C	Cobalt Chloride	$CoCl_2$ *$6H_2O$	A	C	-	A	A	A	A	X	-	-	A	-	-	A	-	-	-
C	Coconut Oil		B	A	-	B	A	-	A	B	A	A	A	-	-	A	A	-	-
C	Codfish Oil		A	-	-	A	A	-	A24°	A	A	A	A	-	-	A	A	-	A
C	Coffee	Fatty oil, acids, cellulose, water	A	-	-	A	A	A	-	A	-	A	A	-	-	A	-	-	-
C	Coke Oven Gas	H_2,CH_4,N_2,CO&hydrocarbons	C	-	-	C	A	B	A	-	-	-	-	-	A	A	-	-	-
C	Copper Acetate	$Cu(C_2H_2O_2)_2$*CuO*$6H_20$	B	A	-	C	A	A	A	X	A90%	B/10%	A	-	A	A	-	-	-
C	Copper Carbonate	$CuCO_3$ $2H_2O$	A	A	A	A	A	-	A	-	-	X	A	-	-	A	A	-	A60°
C	Copper Chloride	$CuCl_2$*$2H_2O$	A	A	A	A	A	A	A	X	X	X	A	-	A	A	A60°	-	X
C	Copper Cyanide	CuCN	A	A	-	A	A	A	A	X	A	A10%	A	-	A	A	A	A	X
C	Copper Fluoroborate		B	-	-	A	-	A	A	X	X	X	-	-	-	A	-	-	-
C	Copper Nitrate Hexahydrate	$Cu(NO_3)2$*$6H_2O$	A	A	-	A	A	A	A	X	X	A	A	A	A	A	A	A	X
C	Copper Sulfate (Blue Copperas)	$CuSO_4$ * $5H_2O$	A	A	A	A	A	A	A	X	X	A10%	A	A	A	A	A	A	-
C	Copper Sulfide	CuS	A	-	-	-	A	-	A	-	-	-	-	-	-	-	A	-	-
C	Corn Oil		A	X	A	X	A	-	A	B	X	A	A	-	A	A	A	-	A
C	Cotton-Seed Oil		A	A	A	B	A	A	A	A	B	A	A	-	A	A	A	-	A

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
C	Cream		A	-	-	C	A	A	A	-	X	A	A	-	-	A	-	-	-
C	Creosote, Wood-Tar	Mixture of phenols	A	X	X	B	A	B	A	B	B	A	X	X	-	A	-	-	X
C	Cresylic Acid (cresol)	$C_8H_{10}O_2$	C	X	-	X	A	B	A	B	C	A	X	X	A66°	A	-	-	-
C	Cresol	$C_6H_4OHCH_3$	A24°	X	-	B	A	-	A24°	B	X	A	A20°	-	-	A	-	-	-
C	Crotonaldehyde	$CH_3CHCHCHO$	X	-	-	A	A	-	A	A	A	A	-	-	-	A	-	-	-
C	Crude Oil		B	X	-	X	A	-	A	A	A	Abp	A	-	-	A	-	-	-
C	Cumeme(Isopropylbenzene)	$C_6H_5CH(CH_3)_2$	X	X	-	X	A	-	A	B	B	B	-	-	-	A	-	-	-
C	Cutting Oil- (Grease Base)																		
C	(Sulfur Base)		A	-	-	X	A	-	-	A	A	A	-	-	-	A	-	-	-
C	(Water Soluble)		X	-	-	X	A	-	A	A	A	A	-	-	-	A	-	-	-
C	(Water Soluble)	$C_6H_{11}OH$	X	X	-	A	A	X	A	X	B	Abp	A20°	-	A	A	X22°	-	A
C	(Water Soluble)	$C_6H_{10}O$	X	X	-	X	A	B	X	B	B	Abp	A20°	-	A	A	X22°	-	A
C	(Water Soluble)	C_6H_{12}	A	X	B	X	A	X	A24°	B	B	Abp	X	-	-	A	-	-	-
C	(Water Soluble)	$ClCH_2(CH_2)_3CH_2Cl$	B	X	-	A	A	-	A	B	B	B	-	-	-	A	-	-	-
C	(Water Soluble)	$C_6H_4(CH_3)[CH(CH_3)_2]$	X	X	-	X	A	-	A	-	-	-	-	-	-	A	-	-	-
C	Cyclohexane	C_6H_{12}	B	X	A	X	A	C	A	B	B	B	X	A	A	A	A	A	-
C	Cyclohexanol	$C_6H_{11}OH$	B	X	-	A	A	B	A	C	B	A	B	A	A66°	A	A	A	-
C	Cyclohexanone	$C_6H_{10}O$	X	C	-	X	A	C	X	B	B	B	X	A	A	A	A	A	-
C	Cyclopentane	C_5H_{10}	B	X	-	A	A	-	A	B	B	B	-	-	-	A	-	-	-
C	Cymene (Isopropyltoluene)	$C_{10}H_{14}$	C	X	-	X	A	-	A	-	-	-	-	-	-	A	-	-	-
D	Decahdronaphthalene (Decalin)	$C_{10}H_{18}$	X	X	-	X	A	-	A	-	-	-	-	-	-	A	-	-	-
D	Decanal	CH3(CH2)8CHO	X	X	-	-	A	-	X	-	-	-	-	-	-	A	-	-	-
D	Decane	$CH_3(CH_2)_8CH_3$	B	C	-	X	A	C	A	-	-	-	A70%	-	A	A	-	-	-
D	Detergent Solutions		A	A	B	A	A	A	A	B	-	A	A	A	-	A	A	A	-
D	Developing Fluids & Solutions		A	C	X	A	A	B	A	-	X	A	-	-	-	A	-	-	-
D	Dextrin		A	A	-	A	A	-	A	A	A	A	A	-	-	A	-	-	-
D	Dextrose	$C_6H1_2O_6$	B	A	B140%	B	A	B	A	A	X	A	A	-	A	A	-	-	-
D	Diacetone Alcohol	$CH_3COCH_2C(OH)(CH_3)_2$	X	B	B	X	A	-	X	A	A	A	X	-	X	A	-	-	A
D	Diazonium Salts		-	-	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
D	Dibenzyl Ether	$(C_6H_5CH_2)_2O$	X	C	-	X	A	C	C	B	B	B	-	-	C	A	-	-	-
D	Dibenzyl Sebecate	$C_{24}H_30^4$	X	C	A	X	A	C	B	-	-	-	-	-	-	A	-	-	-
D	Dibutyl Phthalate DBP	$C_6H_4(CO_2C_4H_9)_2$	X	A	A	A	X	A	A	B	A	A	B	X	-	X	-	A	A
D	Dibutyl Sebecate (DBS)	$C_{18}H_{34}O_4$	X	C	-	X	A	B	C	-	A	A	C	-	-	A	-	-	-
D	Dibutyl Amine	$(C_4H_9)_2NH$	C	C	X	-	X	A	C	X	-	A	A	X	B70%	A	-	-	-
D	Dichloroacetic Acid	$Cl_2CHCOOH$	X	-	-	X	A	B	X	-	-	-	-	-	-	A	-	-	-
D	0-Dichlorobenzene	$C_6H_4Cl_2$	X	X	X	X	A	X	A	X	B	B	B	-	A150%	A	-	-	-
D	Dichlorobenzyl Chloride		-	-	-	X	A	-	A	-	-	-	A	-	-	A	-	-	-
D	Dichlorobutane	$C_4H_8Cl_2$	X	-	-	-	A	-	A	X	B	B	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
D	Dichloroethane	$C_2H_4Cl_2$	X	A	-	X	A	-	B	-	-	Abp	B20°	-	-	A	-	-	-
D	Dichloroethyl Ether	$(CICH_2CH_2)_2O$	X	-	-	-	A	-	-	B	-	-	-	-	-	A	-	-	-
D	Dichloro Isopropyl Ether	$C_6H_{12}OCI_2$	X	X	-	X	A	X	X	-	-	-	X	-	-	A	-	-	-
D	Dichloroethylene	$C_2H_2Cl_2$	-	A	-	X	A	-	A24°	-	-	Abp	B	-	-	A	-	-	-
D	Dichlorohexylamine	$(C_6H_{11})_2NH$	X	X	-	X	A	B	B	-	-	-	-	-	-	A	-	-	-
D	Dichloroisopropyl Alcohol		X	X	-	X	A	-	X	-	-	-	-	-	-	A	-	-	-
D	Diesel Engine Fuel	Hydrocarbons	A	X	B	X	A	X	A	A	A	A	B	-	A	A	-	-	A
D	Diethanol Amine	$(HOCH_2CH_2)_2NH$	B	-	-	A	A	-	-	-	A	A	A	-	-	A	-	-	A
D	Diethyl Amine	$(CH_3CH_2)_2NH$	C	C	-	C	A	-	X	B	B	A	A	-	A	A	-	-	-
D	Diethyl Benzene	$C_6H_4(C2H_5)_2$	X	X	-	X	A	C	A	-	-	-	-	-	-	A	-	-	-
D	Diethyl Carbonate	$(C_2H_5O)_2CO$	X	-	-	X	A	-	-	-	A	-	-	-	-	A	-	-	-
D	Diethyl Cellosolve		-	B	-	-	A	-	-	-	-	Abp	-	-	-	A	-	-	-
D	Diethyl Ether (Ether)	$(CH^3CH_2)_2O$	B	X	C	C	A	A	X	B	A	A	X	A	A	A	-	A	B
D	Diethyl Phthalate (DEP)	$C_6H_4(CO_2C_2H_5)_2$	X	-	-	-	-	-	C	A	A	A	-	-	-	-	-	-	-
D	Diethyl Sebecate	$C_{14}H_{26}O_4$	X	C	A	X	A	B	B	A	A	A	A48°	-	A48°	A	-	-	-
D	Diethylamine	$(C_2H_5)_2NH$	X	X	-	X	A	-	X	B	B	A	-	-	-	A	-	-	-
D	Diethylene Ether (Dioxane)	$C_4H_8O_2$	X	A	-	X	A	B	X	A	A	A	-	-	-	A	-	-	-
D	Diethylene Glycol (DEG)	$HOCH_2CH_2OCH_2$	A	A	A	A	A	A	A	A	A	A	A	-	-	A	-	-	A
D	Diethylene Triamine	$(NH_2C_2H_4)_2NH$	B	-	-	-	A	-	-	A	A	A	-	-	-	A	-	-	-
D	Diethylglycol		A	-	-	A	A	-	A	-	-	Abp	A	-	-	A	A40°	-	-
D	Diisobutyl Ketone	$C_4H_9COC_4H_9$	X	B	-	X	A	-	X	A	A	A	-	-	-	A	-	-	-
D	Diisobutylene	$[HC=C(CH_2)_2]$	B	-	-	C	A	C	C	-	-	-	A	-	A	A	-	A	A
D	Diisodecyl Adipate (DIDA)	$C_{26}H_50O_4$	X	-	-	-	A	-	C	-	-	-	-	-	-	A	-	-	-
D	Diisodecyl Phthalate (DIDP)	$C_{28}H_{47}O_4$	X	A	-	X	A	-	C	-	-	-	-	-	-	A	-	-	-
D	Diisooctyl Adipate (DIOA)	$C_{22}H_{42}O_4$	X	-	-	-	A	-	C	A	A	A	-	-	-	A	-	-	-
D	Diisooctyl Phthalate (DIOP)	$C_{24}H_{39}O_4$	X	-	-	-	A	-	C	-	-	-	-	-	-	A	-	-	-
D	Diisooctyl Sebecate (DIOS)	$C_{26}H_{46}O_4$	-	B	-	-	A	-	A	-	-	-	-	-	-	A	-	-	-
D	Diisopropyl Ketone	$[(CH_3)_2CH]_2CO$	X	A	-	X	A	C	X	-	-	A	-	-	-	A	-	-	-
D	N,N-Dimethylaniline	$C_6H_5N(CH_3)_2$	X	C	-	X	A	B	X	B	B	-	X	-	A	A	-	A	-
D	Diisopropyl Amine	$[(CH_3)_2CH]_2NH$	B	-	-	-	A	-	-	-	-	-	-	-	-	A	-	-	-
D	Diisopropyl Benzene	$C_6H_4*[CH(CH_3)_2]_2$	X	X	-	X	A	C	A	-	-	-	-	-	-	A	-	-	-
D	Dimethyl Ether	CH_3OCH_3	A	-	-	B	A	-	A	B	B	B	-	-	-	A	-	-	-
D	N,N-Dimethyl Formamide (DMF)	$HCON(CH_3)_2$	C	B	C	X	A	A	X	A	-	A	A48°	B	A48°	A	-	A	A
D	Dimethyl Phthalate	$C_6H_4(CO_2CH_3)_2$	X	C	B	X	A	A	C	-	-	-	-	-	A21°	A	-	A	B
D	Dimethyl Sulfate	$(CH_3)_2SO_4$	X	-	-	-	A	-	X	-	A	-	-	-	-	A	-	-	-
D	Dimethyl Sulfide	$(CH_3)_2S$	X	-	-	-	A	-	-	A	A	A	-	-	-	A	-	-	-
D	Dimethyl Sulfoxide		-	-	-	-	A	-	-	-	-	A60%	-	-	-	-	-	-	-
D												95°							

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
D	Dimethylamine	$(CH_3)_2NH$	X	A	-	X	A	B	A	-	-	Abp	B	-	-	A	X22°	-	-
D	Dimethylaniline		X	X	-	X	A	-	X	B	B	Abp	-	-	-	A	-	-	-
D	Dinitrotoluene (DNT)	$CH_3C_6H_3(NO_2)_2$	X	X	-	X	A	B	C	-	-	A	-	-	-	A	-	-	-
D	Dioctyl Phthalate (DOP)	$C_{24}H_{38}O_4$	X	B	A	X	A	B	B	A	A	A	-	-	-	A	-	-	-
D	Dioctyl Sebecate	$C_{26}H_{50}O_4$	X	C	-	X	A	C	C	A	A	A	-	-	-	A	-	-	-
D	Dioxolanes (Dioxolans)	Glycol ethers	X	B	-	X	A	C	C	-	-	-	-	-	-	A	-	-	-
D	Dipentene (Limonene)	$C_{10}H_{16}$	C	X	-	X	A	C	A	A	A	A	-	-	-	A	-	-	-
D	Diphenyl Oxides (Phenyl Ether)	$C_6H_5OC_6H_5$	X	C	-	X	A	C	A	B	A	A	-	-	A	A	-	-	-
D	Dipropylamine	$(CH_3CH_2CH_2)_2NH$	B	-	-	-	A	-	-	-	-	-	-	-	-	A	-	-	-
D	Dipropylene Glycol	$(C_3H_6OH)_2O$	A	-	-	-	A	A	A	-	-	-	A	-	A	A	-	-	-
D	Dipropyl Ketone (Butyrone)	$(C_3H_7)_2CO$	X	-	-	-	A	-	-	-	-	-	-	-	-	A	-	-	-
D	Divinyl Benzene (DVB)	$C_6H_4(CH{=}CH_2)_2$	X	-	-	-	A	-	A	-	-	-	-	-	-	A	-	-	-
D	Distilled Water		A	A	-	A	A	-	A	-	-	A	A	-	-	A	A	-	-
D	Divinylbenzene	$C_6H_4(CH{:}CH)_2$	X	-	-	-	A	-	A	-	-	-	-	-	-	A	-	-	-
D	Dodecyl benzene (Alkane)	$C_6H_5(CH_20_{11}\ CH_3$	X	-	-	-	A	-	A	A	A	A	-	-	-	A	-	-	-
D	Dow Corning (Silicones)	$[(CH_3)_2\ SiO]_2$	A	-	-	A	A	A	A	A	-	A	-	-	-	A	-	-	-
D	Dye	Acid																	
D		Basic	-	-	-	-	A	-	A	-	-	A	-	-	-	A	-	-	-
D		Neutral																	
D	Dowtherm (Biphenyl & Phenyl Ether)	$(C_6H_5)_2$AND$(C_6H_5)_2O$	X	X	-	X	A	X	A	A	B	A	-	-	-	A	-	-	-
D	Dry Cleaning Fluids	Chlorinated hydrocarbons	C	-	-	X	A	X	A	A	A	A	X	-	-	A	-	-	-
D	Dyes		-	-	-	C	-	B	A	B	-	A	-	-	-	A	-	-	-
E	Epichlorohydrin	C_3H_5CIO	X	B	X	X	A	B	X	A	A	A	A	A	X	A	-	A	A
E	Epsom Salts (Magnesium Sulfate)	$MgSO_4{*}7H_2O$	A	A	-	A	A	A	A	A	-	A	A	-	A	A	-	-	-
E	Ethane	C_2H_6	A	X	-	C	A	C	A	A	A	A	C	A	-	A	-	-	-
E	Ethanolamine (Aminoethanol)	$H_2NCH_2\ CH_2OH$	B	B	-	C	A	A	X	B	A	A	X	X	C	A	A	A	-
E	Ethyl Acetate	$CH_3COOC\ H_2CH_3$	X	B	C	X	A	A	X	A	A	A	C	A	A	A	-	-	A
E	Ethyl Acetoacetate (Acetoacetic Ester)	CH_3COCH_2	X	C	-	X	A	C	X	A	A	A	-	-	A21°	A	-	-	-
E	Ethyl Acrylate	$CH_2CHCO\ CH_2H_3$	X	C	-	X	A	C	X	A	A	A	B	-	B21°	A	-	-	-
E	Ethyl Alcohol (Ethanol)	C_2H_5OH	A60°	A	A	A60°	A100%	A	A24°	B	B	A100%	A100%	-	A	A100%	A60°	-	-
E							A100°					A100°				A100°			
E	Ethyl Alcohol Amine		B	B	B	X	A	-	X	B	A	A	-	-	-	A	-	-	-
E	Ethyl Aluminum Dichloride	$CH_3CH_2AlCl_2$	X	-	-	-	A	-	B	-	-	-	-	-	-	A	-	-	-
E	Ethyl Benzene	$CH_3CH_2C_6H_5$	X	X	-	X	A	X	A	B	B	B	X	A	A	A	-	-	-
E	Ethyl Benzoate	$C_6H_5CO_2CH_2CH_3$	X	C	-	X	A	C	A	A	A	A	B	-	-	A	-	-	X
E	Ethyl Bromide (Bromoethane)	CH_3CH_2Br	X	B	-	B	A	X	-	X	A	A	-	-	-	A	-	-	-
E	Ethyl Butyl Acetate	$CH_3CO_2CH_2\ CH(_2H_5)_2$	X	-	-	-	A	-	X	-	-	-	-	-	-	A	-	-	-
E	Ethyl Butyl Alcohol		X	-	B	-	A	-	B	-	-	-	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
E	Ethyl Butyraldehyde	$C_6H_{12}O$	X	-	-	-	A	-	X	-	-	-	-	-	-	A	-	-	-
E	Ethyl Butyl Ketone	$CH_3CH_2COC_4H_9$	X	-	-	-	A	-	X	-	-	-	-	-	-	A	-	-	-
E	Ethyl Butyrate	$CH_3CH_2CH_2\ CO_2C_2H_5$	X	X	-	X	A	-	C	B	A	A	B	-	-	A	-	A	-
E	Ethyl Caprylate	$CH_3(CH_2)_5\ CO_2C_2H_5$	X	X	-	X	A	-	-	-	-	-	-	-	-	A	-	-	-
E	Ethyl Cellosolve	$C_2H_5O(CH_2)_2OH$	C	B	-	C	A	B	X	-	-	-	-	-	-	A	-	-	-
E	Ethyl Cellulose (Ethocel)		B	B	B	B	A	A	C	B	A	B	C	-	-	A	-	B	-
E	Ethyl Chloride (Chloroethane)	C_2H_5Cl	A	A	X	C	A	X	A	X	B	A	X	A	A	A	X22°	A	A
E	Ethyl Chlorocarbonate (Ethyl Chloroformate)	$ClCO_2C_2H_5$	-	-	-	C	A	A	A	-	-	-	-	-	-	A	-	-	-
E	Ethyl Cyanide (Propionitrile)	C_2H_5CN	X	A	-	B	A	-	X	-	-	-	-	-	-	A	-	-	-
E	Ethyl Ether	$C_2H_5O\ C_2H_5$	B	-	-	X	A	X	X	-	-	A100%	B20°	-	-	A	X22°	-	-
E												A20°							
E	Ethyl Formate	$HCOOCH_2\ CH_3$	X	C	-	B	A	B	A	B	A	B	-	-	-	A	-	-	-
E	Ethyl Hexyl Acetate	$CH_3CO_2CH_2\ CH(C_2H_5)C_4H_9$	X	-	-	-	A	-	X	-	-	-	-	-	-	A	-	-	-
E	Ethyl Hexyl Alcohol (Ethylhexanol)	$C_8H_{17}OH$	A	-	-	-	A	-	B	A	A	A	-	-	-	A	-	-	-
E	Ethyl Iodide	CH_3CH_2I	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-
E	Ethyl Isobutyrate	$(CH_3)_2$	X	X	-	X	A	-	-	-	-	-	-	-	-	A	-	-	-
E	Ethyl Mercaptan (Ethanethiol)	CH_3CH_2SH	X	X	-	C	A	C	B	B	A	B	-	-	-	A	-	-	-
E	Ethyl Oxalate	$C_2H_50_2C\ CO_2C_2H_5$	X	A	-	X	A	B	B	-	-	-	-	-	-	A	-	-	-
E	Ethyl Pentachlorobenzene	$C_2H_5C_6Cl_5$	X	-	-	X	A	X	A	X	-	-	X	-	-	A	-	-	-
E	Ethyl Propionate	$CH_3CH_2\ COOCH_2CH_3$	X	X	-	X	A	-	-	A	A	A	-	-	-	A	-	-	-
E	Ethyl Silicate	$Si(OCH_2CH_3)_4$	A	A	-	A	A	B	A	B	A	A	-	-	-	A	-	-	-
E	Ethyl Sulfate	$C_2H_5OSO_2OH$	A	-	-	-	A	B	A	-	-	X	-	-	-	A	-	-	-
E	Ethylamine	$C_2H_5NH_2$	X	A	-	X	A	-	X	B	B	A	-	-	-	A	-	-	-
E	Ethylene (Ethene)	C_2H_4	B	C	-	A	A	C	A	A	A	A	-	-	-	A	-	-	-
E	Ethylene Chloride		X	A	-	X	A	X	B80°	A dry	A dry	Abp	B	-	-	A	X	-	-
E	Ethylene Chlorohydrin	$ClCH_2CH_2OH$	X	A	X	B	A	C	B	-	B	A	X	-	A21°	A	-	-	-
E	Ethylene Diamine	$(CH_2)_2(NH_2)_2$	B	A	-	A	A	A	X	C	A	A	A	A	B21°	A	-	A	-
E	Ethylene Dibromide (Ethylene Bromide)	$Br(CH_2)Br$	X	C	-	X	A	-	B	X	X	B	X	-	A	A	-	-	-
E	Ethylene Dichloride - Dichloroethylene		X	X	-	X	A	-	B	X	B	B	X	-	A	A	-	-	B
E	Ethylene Glycol (Ethylene Alcohol Glycol)	$Cl(CH_2)2Cl$	A	A	A	A	A	A	A21°	A	A	A	A48°	A	A	A	A60°	A	B
E	Ethylene Glycol Monobutyl Ether	$C_4H_9OCH_2CH_2OH$	B	B	-	X	A	-	C	A	A	A	-	-	-	A	-	-	-
E	(Butyl Cellosolve)																		
E	Ethylene Glycol Monobutyl Ether Acetate	$C_2H_50(CH_2)_2\ O_2CCH_3$	C	B	-	X	A	-	C	A	A	A	-	A	-	A	-	-	-
E	(Cellosolve Acetate)																		
E	Ethylene Glycol Monomethyl	$CH_3O(CH_2)_2OH$	C	B	-	C	A	-	X	B	B	A	-	-	-	A	-	-	-
E	Ether (Methyl Cellosolve)																		
E	Ethylene Glycol	$HOCH_2CH_2OC_4H_9$	X	B	-	X	A	A	X	A	A	A	-	-	-	A	-	-	-
E	Monomethyl Ether Acetate																		

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
E	Ethylene Glycol Monoethyl Ether		X	B	A	X	A	-	X	A	A	A	X	-	A	A	-	-	A
E	Ethylene Oxide	$(CH_2)_2O$	X	X	A	X	A	A	C	A	B	A	C	-	A	A	X22°	X	A
E	Ethylene Trichloride (Triclorothene)	$ClCHCCl_2$	X	X	-	X	A	X	A	X	A	A	X	-	-	A	X24°	-	-
E	Ethylidene Chloride	CH_3CHCl_2	X	X	-	X	A	-	-	X	B	A	-	-	-	A	-	-	-
F	Fatty Acids	$C_8H_20+1COOH$	B	X	B	C	A	B	A	A30°	X	A	B	A	A	A	-	-	A
F	Ferric Chloride	$FeCl_3$	A	A	B	A	A	A	A	X	X	X	A	A	A	A	A60°	-	X
F	Ferric Hydroxide	$FeHO_2$	B	A	-	-	A	-	C	-	-	A	-	A	-	A	A	-	-
F	Ferric Nitrate	$Fe(NO_3)_3$	A	A	-	A	A	A	A	X	X	B	A	A	A	A	A60°	A	X
F	Ferric Sulfate	$Fe_2(SO_4)_3$	A	A	-	A	A	A	A	C	X	B	A	A	A	A	A	A	X
F	Ferrous Chloride	$FeCl_2$	A	A	X	A	A	A	A	X	X	B20%	A	A	A	A	A60°	A	X
F	Ferrous Hydroxide	$Fe(OH)_2$	-	A	-	A	A	-	A	X	X	X	A	-	-	A	A	-	-
F	Ferrous Nitrate	$Fe(NO_3)_2$	A	A	-	A	A	-	A	-	-	A	A	-	-	A	A60°	-	-
F	Ferrous Sulfate	$FeSO_4$	A	A	A	A	A	-	A	A10%	C	B	A	A	A	A	A60°	A	X
F	Fluorine (Liquid)	F_2	X	C	X	C	A	X	B	A	-	A	X	A	A21°	A	-	-	X
F	Fluorine Gas	F_2	-	-	-	-	X	-	-	-	-	X	X	-	-	X	X	-	-
F	Fluorobenzene	FC_6H_5	X	X	-	X	A	C	A	-	-	-	X	A	-	A	-	-	-
F	Fluoroboric Acid	HBF_4	A	A	X	B	A	A	C	X	X	A30%	A	A	A	A	-	A	-
F	Fluosilicic Acid (Sand Acid)	H_2SiF_6	B	B	-	A	A	A	A	X	X	A100°	A	A	A	A	-	A	-
F	Formaldehyde (Formalin)	HCHO	B	A	C3°	C	A	A	A	A	C	A32°	A	A	A48°	A	A60°	A	X
F	Formamide	$HCONH_2$	A	A	-	A	A	-	X	A	B	B	-	A	-	A	A60°	-	X
F	Formic Acid	HCOOH	C	B	C	B	A	A	C	X	X	C	A21°	A	A	A	-	A	X
F	Freon 11 (Trichlorofluoromethane)	CCl_3F	C	X	A	C	A	C	B	B	A	A	B	A	A	A	-	A	X
F	Freon 12 (Dichlorofluoromethane)	Cl_2CF_4	B	B	B	B	A	X	B	A	A	A	-	A	A	A	-	-	-
F	Freon 13 (Chlororfluoromethane)	$ClCF_3$	A	A	C	A	A	X	A	A	A	A	-	A	-	A	-	-	-
F	Freon 13B1 (Bromotrifluoromethane)	$BrCF_3$	A	A	-	A	A	-	A	-	-	-	-	A	-	A	-	-	-
F	Freon 14 (Tetrafluoromethane)	CF4	X	B	-	X	A	-	-	-	-	-	-	A	-	A	-	-	-
F	Freon 21 (Dichlorofluoromethane)	$FCHCl_2$	X	X	-	B	A	X	X	A	-	-	-	A	A	A	-	-	-
F	Freon 22 (Chlorofluoromethane)	$HCClF_2$	X	C	X	B	A	X	X	A	A	A	-	A	A	A	-	-	-
F	Freon 113 (Trichlorotetrafluoroethane)	$Cl3CCF_3$	B	X	A54°	A	A	X	B	B	-	A	-	A	A	A	-	-	-
F	Freon 114 (Dichlorotetrafluoroethane)	$C2Cl2F_4$	A	C	A	A	A	X	A	B	-	A	-	A	A	A	-	-	-
F	Freon 114B2 (Dibromotetrafluoroethane)	$C_2Br_2F_4$	B	X	-	A	A	X	B	-	-	-	-	A	-	A	-	-	-
F	Freon 115 (Chloropentafluoroethane)	C_2ClF_5	A	A	-	A	A	X	B	A	-	-	-	A	-	A	-	-	-
F	Fruit Juices	Water, sucrose	A	A	B	A	A	A	A	A10%	X	A	A	A	A	A	-	A	X
F	Fruit Sugar		A	A	-	A	A	-	A	A	A	A	A	-	-	A	-	-	A
F	Fuel Oil		A	X	B	X	A	-	A	A	A	A	X	-	A	A	A	-	A
F	Fumaric Acid (Boletic Acid)	Hydrocarbons	C	-	-	B	A	A	A	-	-	-	-	A	-	A	-	-	-
F	Furan (Furfuran)	C_4H_40	X	X	X	X	A	B	C	-	-	-	C	A	X	A	-	A	-
F	Furfuryl Alcohol	$C_5H_60_2$	X	B	B	-	A	A	X	A	A	A	-	A	B36°	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
G	Gallic Acid	$C_6H_2(OH)_3COOH$	B	B	X	C	A	B	A	A20%	X	B	A21°	A	A70%	A	-	A	B
G	Gasoline Lead-containing	C_4 to C_{12}	A	X	-	X	A	X	A	A	A	A	C	-	-	A	-	-	A
G	Unleaded	Hydrocarbons	X	X	-	X	A	X	A	A	A	A	C	A	A	A	-	A	A
G	Gear Oil		A	X	-	B	A	-	A	A	A	A	A	-	-	A	A	-	A
G	Gelatin	Water solube proteins	A	A	B	A	A	A	B	A	A	A	A	B	A	A	A	-	A
G	Glacial Acetic Acid		X	B	-	A24°	-	-	X	-	-	B36°	A21°	-	-	-	-	-	X
G	Glassy Slurry		A	A	-	A	A	-	-	-	-	A	A	-	-	A	-	-	-
G	Glauber's Salt (Sodium Sulfate Decahydrate)	$Na_2SO_4 * 10H_20$	A	B	B	A	A	-	A	-	-	-	-	-	-	A	-	-	-
G	Gluconic Acid	$C_6H_{12}O_7$	C	-	-	-	A	-	A	B	C	A50%	-	-	-	A	-	-	-
G	Glucose (Corn Liquid)	$C_6H_{12}O_6$	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	-	A
G	Glue		A	B	B	A	A	A	A	A	A	B	A	B	-	A	-	-	-
G	Glycerin (Glycerol)	$C_3H_8O_3$	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A
G	Glycolic Acid	$HOCH_2COOH$	A	A	-	A	-	A	A	-	-	-	A	-	A	A	-	A	-
G	Glycols		A	A	A	A	A	A	A	A	B	A	A	A	A	A	-	A	-
G	Gold Monocyanide	AuCN	A	-	-	A	-	A	A	-	-	X	-	-	-	A	-	-	-
G	Grape Juice	Water, sucrose	C	-	-	X	A	A	A	-	X	A	A	-	A	A	-	-	-
G	Grape Sugar		A	A	-	A	A	-	A	A	A	A	A	-	-	A	A	-	A
G	Grapefruit Oil		X	-	-	X	A	-	-	-	X	A	-	-	-	A	-	-	-
G	Grease		A	-	A	X	A	B	A	A	-	A	-	-	-	A	A	-	A
G	Green Sulfate Liquor		B	A	X	B	A	A	A	B	C	A	A	-	-	A	-	-	-
H	Halowax	Chlorinated naphtalenes	X	X	X	-	-	X	A	X	-	-	-	-	-	-		-	-
H	Heptane	C_7H_{16}	A	X	-	C	A	X	A	A	A	A	C60°	A	A	A	A	A	A
H	Heptanal	$CH_3(CH_2)_5CHO$	A	-	-	-	-	-	A	A	A	A	A	C	-	A	A	-	-
H	Hexaldehyde		X	B	-	A	A	-	X	A	B	A	-	-	-	A	-	-	-
H	Hexalin (Cyclohexanol)	$C_6H_{11}OH$	B	C	-	A	A	-	A	-	-	-	-	-	-	A	-	-	-
H	Hexanal	$CH_3(CH_2)_4CHO$	B	B	-	B	A	-	C	A	B	A	-	-	-	A	-	-	-
H	n-Hexane	C_6H_{14}	A	X	A	B	A	B	A	A	A	A	C60°	C	A	A	X	A	A
H	Hexanol	$C_6H_{13}OH$	A	X	A	B	A	B	A	A	A	A	A20°	-	-	A	A60°	-	-
H	n-Hexane 1 (Hexylene)	$H_2CCH(CH_2)_2CH_3$	A	X	-	B	A	X	A	-	-	-	-	-	-	A	-	-	-
H	Hexyl Acrylate		X	-	-	X	A	-	X	-	-	-	A	-	-	A	-	-	-
H	Hexylene Glycol (Brake Fluid)	$C_6H_{12}(OH)_2$	A	C	-	A	A	-	A	A	A	A	-	-	-	A	-	-	-
H	Honey		-	-	-	A	A	A	-	A	A	A	A	-	-	A	A	-	A
H	Hydraulic Oil		A	-	X	A	A	-	A	-	-	A	A	-	-	A	-	-	-
H	Hydraulic Oil (Petroleum)	Hydrocarbons	A	X	X	B	A	-	A	A	A	A	X	-	-	A	A	-	A
H	Hydrazine (Diamine)	H_2NNH_2	C	A	X	C	A	A	X	A	X	A	X	B	X	A	-	-	-
H	Hydriodic Acid	HI	X	X	-	X	A	-	A	-	-	X	X	-	-	A	-	-	-
H	Hydrobromic Acid	HBr	X	A	-	C	A	A	A	X	X	X	B	X	A	A	-	A	-
H	Hydrocarbon																		

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
H	(Aliphatic Compounds)		-	-	-	A	A	-	-	-	-	Abp	-	-	-	A	-	-	-
H	(Aromatic Compounds)		-	-	-	-	A	-	-	-	-	Abp	-	-	-	A	-	-	-
H	Hydrochloric Acid		-	-	-	X	A48°	-	A36°	-	-	B	-	-	-	A48°	-	-	-
H	0,1	HCl	B	A	-	B	A	A	A	X	C	X	A	X	A	A	-	A	B
H	0,2	HCl	C	A	X	B	A	A	A	X	C	X	A	X	A	A	-	A	-
H	37% (Conc.)	HCl	C	A	X	C	A	A	B	X	X	X	B	X	A	A	-	A	-
H	Hydrocyanic Acid (Formonitrile)	HCN	B	A	X	C	A	A	A	A/10%	X	A	A	X	A	A	-	-	-
H	Hydrofluoric Acid (Conc.) Cold	HF	-	C	X	C	A	X	B	C	X	X	X	X	A	A	-	A	-
H	Hydrofluosilicic Acid	H_2SiF_6	-	-	-	A	A	-	A	-	-	B	-	-	-	A	B	-	-
H	Vapor											A36°							
H	Hydrogel		X	B	-	X	A	-	A	-	A	A	-	-	-	A	-	-	-
H	Hydrogen Chloride Gas	HCl	-	-	-	-	A	A	A	-	-	-	A	-	-	A	-	-	-
H	Hydrogen Fluoride (Anhydrous)	HF	X	C	-	C	A	-	A	X	-	X	A	-	A	A	X24°	-	-
H		0,4	-	-	-	-	A60°	-	A	-	-	-	B26°	-	A	A60°	-	-	-
H		0,6	-	-	-	-	-	-	-	-	-	-	X85°	-	A	-	A24°	-	-
H		>60%	X	-	-	X	A	-	-	-	-	-	B25°	-	A	A	-	-	-
H		conc.	X	-	-	X	A	-	A	-	-	X	A30°	-	A	A	X	-	-
H	Hydrogen Fluoride (Vapor)	HF	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
H	Hydrogen Gas	H_2	-	-	-	A	A	-	A	-	-	A	-	-	-	A	A60°	-	-
H	Hydrogen Peroxide	H_2O_2	-	B	-	X	-	-	A	A	X	A30°	B20°	-	A	-	-	-	X
H	0,03		B	B	X	B	A	A	A	A	-	-	A	-	A48°	A	-	X	X
H	0,1		C	B	X	C	A	A	A	A	B	A	A	-	A48°	A	-	X	X
H	0,3		C	B	X	X	A	A	A	A	X	B	A	-	X	A	-	X	X
H	0,9		X	C	X	B	A	X	A	A	X	A	-	-	-	A	-	X	-
H	Hydrogen Sulfide (Wet)	H_2S	X	A	A	C	A	A	X	A/90%	X	A75°	A	C	A	A	A	A	-
H	Hydrogen Tetrafulroborate	HBF_4	-	A	-	A	A	-	A	-	-	X	A	-	-	A	-	-	-
H	Hydroquinone	$C_6H_4(OH)_2$	C	-	-	X	A	A	C	A90%	B	A10%	-	-	A	A	-	-	-
H	Hydroxyacetic Acid - 10%	$HOCH_2COOH$	X	-	-	X	A	A	-	B	-	B	-	-	-	A	-	-	-
H	Hypochlorous Acid	HClO	X	B	-	X	A	A	A	X	X	X	A	-	A	A	-	-	X
I	Ink		A	-	-	A	A	A	A	C	X	A	-	-	-	A	-	-	-
I	Iodine	I_2 dry	-	-	-	X	A	-	A	-	-	A	-	-	-	A	-	-	-
I		wet	B	B	B	B	A	A	A	A	X	X	A	-	A150%	A	-	X	X
I	Idoform	CHI_3	-	A	-	-	A	B	-	A	A	A	-	-	A	A	-	-	-
I	Isoamyl Acetate	$CH_3CO_2CH_2CH_2CH(CH_3)_2$	X	B	-	X	A	-	X	A	A	A	-	-	A	A	-	-	-
I	Isoamyl Alcohol	$(CH_3)_2CHCH_2CH_2OH$	A	A	-	A	A	-	A	A	A	A	A	-	-	A	A	-	-
I	Isoamyl Butyrate	$C_9H_{18}O_2$	X	-	-	-	A	-	X	A	A	A	-	-	-	A	-	-	-
I	Isoamyl Chloride	$(CH_3)_2CHCH_2CH_2Cl$	X	X	-	X	A	-	A	X	-	-	-	-	-	A	-	-	-
I	Isobutyl Acetate	$CH_3CO_2CH_2CH(CH)$	X	C	-	X	A	-	X	A	A	A	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
I	Isobutyl Alcohol	$(CH_3)_2CHCH_2OH$	X	A	-	-	A	-	X	A	-	-	-	-	A	A	-	-	-
I	Isobutyl Chloride	$(CH_3)_2\ CHCH_2Cl$	X	-	-	-	A	-	B	X	B	B	-	-	-	A	-	-	-
I	Isobutyl Amine	$(CH_3)_2\ CHCOOH$	X	-	-	-	A	-	X	-	-	-	-	-	-	A	-	-	-
I	Isobutyric Acid	$(CH_3)_2CHCOOH$	X	A	-	B	A	-	-	A	-	-	-	-	-	A	-	-	-
I	Isododecane	$(CH_3)_2\ CH(CH_2)_8CH_3$	B	X	-	A	A	-	A	B	B	B	-	-	-	A	-	-	-
I	Isooctane (Trimethylpentane)	C_8H_{18}	A	X	A	B	A	C	A	A	A	A	A	-	A	A	-	A	A
I	Isopentane	$(CH_3)_2\ CHCH_2CH_3$	A	-	-	-	A	-	A	-	-	-	-	-	-	A	-	-	-
I	Isophorone	$C_9H_{14}0$	X	C	-	X	A	B	X	A	A	A	-	-	-	A	-	-	-
I	Isopropyl Acetate	$CH_3\ COOCH\ (CH_3)_2$	X	B	-	X	A	B	X	A	A	A	B	-	-	A	-	-	-
I	Isopropyl Alcohol	$(CH_3)_2CHOH$	X	B	A	A24°	A48°	A	A21°	Abp	Abp	Abp	A	-	A	A48°	A40°	-	X
I	Isopropyl Amine	$C_3H_7NH_2$	X	-	-	-	A	-	X	-	A	A	-	-	-	A	-	-	-
I	Isopropyl Chloride	$(CH_3)_2CHCl$	X	X	-	X	A	C	B	X	A	A	X	-	-	A	-	-	-
I	Isopropyl Ether	$(CH_3)_2CHOCH$	C	X	-	C	A	B	C	B	-	A	X	-	A/70%	A	A40°	-	A
J	Jet Plane Fuel (ASTM-A, A1 & B)	Jp1 to Jp6	A	X	X	C	A	X	A	A	A	A	X	A	A	A	A60°	A	A
K	Kerosine (Kerosene)	Hydrocarbons	A	X	A	C	A	X	A	A	A	A	X	A	A	A	-	A	-
K	Ketchup		A	A	-	B	A	-	A	B	X	A	A	-	-	A	-	-	-
K	Ketones		X	-	-	X	A	-	X	-	A	-	X	-	-	A	-	-	-
L	Lacquers		X	X	X	X	A	C	X	A	B	A	-	B	-	A	-	-	A
L	Lacquer solvents		X	X	C	X	A	C	X	A	B	A	C	B	X	A	-	-	-
L	Lactic Acid	$CH_3CHOH\ COOH$	B	A	X	B	A	A	A	A	X	A/70%	A	C	A	A	A60°	A	X
L	Lactol (Aliphatic Naphta Solvent)	$CH_3CHOH\ CO_3C_{10}H_7$	C	-	-	X	A	-	A	A	A	A	-	-	-	A	-	-	-
L	Lard		A	X	B	X	A	-	A	A	A	A	B	-	A	A	A60°	-	A
L	Latex	Rubber emulsion	A	A	A	A	A	A	A	A	-	A	A	B	-	A	-	-	A
L	Lauric Acid	$CH_3(CH_2)_{10}COOH$	-	-	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
L	Lauric Alcohol		A	-	-	-	A	-	B	A	A	A	-	-	-	A	-	-	-
L	Lauryl Chloride		-	A	-	A	-	-	A	-	-	A	A	-	-	-	-	-	-
L	Lavender Oil		B	X	-	X	A	-	B	-	-	-	-	-	-	A	-	-	-
L	Lead (Melted)		X	X	-	X	X	-	X	-	-	A400°	X	-	-	X	X	-	X
L												B600°							
L	Lead Acetate (Sugar of Lead)	$Pb(CH_3CO_2)_2$	B	A	-	A	A	A	X	X	-	B	A	-	A	A	-	A	B
L	Lead Chloride	$PbCl_2$	-	-	-	B	A	-	-	X	-	B	A	-	A	A	-	-	-
L	Lead Nitrate	$Pb(NO_3)_2$	B	A	-	A	A	-	A	X	B	B	A	A	A	A	A60°	-	-
L	Lead Sulfamate		B	-	-	A	A	A	A	-	-	-	A	-	-	A	-	-	-
L	Lemon Oil		A	B	-	X	A	-	A	A	-	A	B	-	-	A	-	-	-
L	Lignin Liquor	Blend of natural aromatic oils	A	-	-	A	A	-	A	-	-	A	-	-	-	A	-	-	-
L	Light Oil		-	-	-	A	A	-	A	-	-	Abp	A	-	-	A	A	-	A
L	Ligroin (Ligroine Benzene)	Petroleum fraction	A	X	-	B	A	B	A	-	A	A	X	-	-	A	-	-	-
L	Lime Bleach		A	A	-	C	A	A	A	X	-	-	B	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
L	Lime Slurry		B	-	C	A	A	B	B	B	-	B	-	-	-	A	-	-	-
L	Lime, Soda (Slaked lime & soda ash)	CaO	B	A	-	B	A	A	B	-	-	-	-	-	-	A	-	-	-
L	Lime Sulfur	$CaS + CaSO_4$	A	A	-	A	A	B	A	X	-	A	A	-	-	A	-	-	-
L	Limonene	$C_{10}H_{16}$	C	X	-	X	A	-	A	-	-	-	-	-	-	A	-	-	-
L	Lindol (Tritolyl Phosphate)	$C_{21}H_{21}O_4P_4$	X	-	-	C	A	A	B	-	-	-	-	-	-	A	-	-	-
L	Linoleic Acid	$C_{18}H_{32}O_2$	B	X	-	X	A	B	B	A	-	A	A	-	A	A	-	-	-
L	Linseed Oil	$C_5H_{11}OH$	A	X	B	A	A	-	A50°	A	B	A	A	-	A	A	A	-	A
L	Lithium Bromide	$LiBrH_20$	A	-	-	X	A	-	A	-	A	-	-	A	A	A	-	A	-
L	Lithium Chloride	LiCl	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
L	Lithium Hydroxide	LiOH	B	A	-	A	A	-	A	B	A	A	A	-	-	A	A60°	-	-
L	Lubricating Oil	Hydrocarbons	B	X	A	X	A	B	A	A	A	A	X	-	A	A	-	-	A
L	Lye (Potassium Hydroxide)	KOH	C	A	X	B	A	A	B	-	-	A	A	X	A150°	A	-	A	-
L	Lysol		-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-
M	Magnesium Carbonate	$MgCO_3$	A	C	A	A	A	A	A	A	B	B	A	A	A	A	A	-	A
M	Magnesium Chloride	$MgCO_2O$	A	A	A	A22°	A	A	A	A/20%	B/30%	B/40%	A	B	A	A	A40°	A	A
M	Magnesium Fluoride	MgF_2	A	A	-	A	A	-	A	-	-	B	A	-	-	A	A60°	-	-
M	Magnesium Hydroxide (Milk of Magnesia)	$Mg(OH)_2$	B	A	C	B	A	A	A	A/10%	A	A	A	A	A	A	A60°	A	-
M	Magnesium Hypochlorite	$Mg(OCl)_2$	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
M	Magnesium Nitrate	$Mg(NO_3)_2*6H_2O$	A	A	-	A	A	A	A	B/50%	B	A	A	-	A	A	A60°	A	A
M	Magnesium Oxide	MgO	A	-	-	A	A	A	B	A/10%	A	A	-	-	-	A	-	-	-
M	Magnesium Sulfate (Epsom Salts)	$MgSO4*7H_2O$	A	A	B	A	A	A	A	A70%	A	A/40%	A	A	A	A	A	A	-
M	Maleic Acid	$(CHCOOH)_2$	X	X	-	A	A	A	A	A20%	B60%	B	A	-	A	A	A	-	X
M	Maelic Anydride	$C_4H_2O_3$	-	X	-	-	A	-	A	A/20%	B	A	-	-	-	A	-	-	-
M	Malic Acid (Apple Acid)	$C_4H_6O_5$	B	X	-	C	A	A	A	B	-	A	-	-	-	A	-	-	-
M	Malt		-	-	-	A	A	-	A	A	B	A	-	-	-	A	-	-	-
M	Manganate		A	A	-	A	A	-	A	-	-	A	A	-	-	A	A	-	A
M	Manganese Chloride	$MnCl_2$	A	A	-	A	A	-	A	-	-	Abp	A	-	-	A	A	-	-
M	Maple Sugar Liquors (Sucrose)	Water, sucrose	A	A	-	A	A	B	A	-	-	A	-	-	-	A	-	-	-
M	Mayonnaise	Water, fats, oils	A	-	-	A	A	A	-	X	X	A	A	-	-	A	A	-	A
M	Mercuric Chloride	$HgCl_2$	A	A	-	B	A	A	A	X	X	X	A	B	A	A	A60°	-	X
M	Mercuric Cyanide	$Hg(CN)_2$	B	A	-	B	A	A	A	X	B	B	A	-	A	A	-	-	-
M	Mercuric Fulminate	$Hg(OCN)_2$ $1/2H_2O$	-	-	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
M	Mercuric Nitrate	$Hg(NO_3)_2$	B	A	-	B	A	-	A	X	B	B	A	-	A	A	A60°	-	-
M	Mercurous Chloride	Hg_2Cl_2	-	A	-	A	A	-	A	-	-	X	A	-	-	A	A60°	-	-
M	Mercurous Nitrate	$Hg_2(NO_3)_2*2H_2O$	B	A	-	B	A	-	A	X	B	B/100°	A	-	A	A	A60°	-	-
M	Mercurous Sulfate	$HgSO_4$	A	A	-	A	A	-	A	X	B	A	A	-	-	A	A60°	-	-
M	Mercury	Hg	A	A	A	A	A	A	A	X	A	A	A	C	A	A	A	-	A
M	Mesityl Oxide	$(CH_3)_2{}^c{=}CHCOCH_3$	X	B	-	X	A	C	X	A	A	A	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
M	Methane	CH_4	A	X	B	B	A	X	A	A	A	A	B	A	A	A	-	-	A
M	Methyl Acetate		X	C	C	C	A	B	X	A	A	A	C	B	-	A	-	-	A
M	Methyl Acetoacetate	$CH_3COCH_2COOCH_3$	X	-	-	-	A	-	X	-	A	A	-	-	-	A	-	-	-
M	Methyl Acrylate	$CH_2CHCO_2CH_3$	-	C	-	C	A	B	X	-	A	A	-	-	A/21°	A	-	-	-
M	Methyl Alcohol	CH_3OH	B	A	A	B	A	A	X24°	B	A	A	A	-	-	A	A	-	A
M	Methyl Acrylic Acid (Crotonic Acid)	$CH_3(CH)_2COOH$	-	C	-	C	A	-	X	-	-	-	-	-	-	A	-	-	-
M	Methyl Amine (Monomethylamine)	CH_3NH_2	B	A	-	A	A	B	A30°	B	B	A	X	-	C	A	-	-	-
M	Methyl Amyl Acetate	$C_8H_{16}O_2$	A	-	-	-	A	-	X	A	A	A	-	-	-	A	-	-	-
M	Methyl Aniline	$C_6H_5NH(CH_3)$	A	A	-	A	A	-	-	-	-	-	-	-	-	A	-	-	-
M	Methyl Bromide (Bromo Methane)	CH_3Br	C	A	X	X	A	X	A	X	A	A	X	-	A	A	-	-	-
M	Methyl Butyl Ketone (2-hexanone)	$CH_3COC_4H_9$	X	B	-	X	A	C	X	-	-	A	X	-	-	A	-	-	-
M	Methyl Butyrate	$CH_3(CH_2)_2\ CO_2CH_3$	X	X	-	X	A	-	-	A	A	A	-	-	-	A	-	-	-
M	Methyl Cellosolve	$CH_3OCH_2\ CH_2O$	X	-	-	X	A	A21°	X	A	-	-	A	-	A	A	-	-	-
M	Methyl Chloride	CH_3Cl	X	C	X	X	A	X	B	X	A	A	X	B	A	A	X22°	A	B
M	Methyl Chloroform		-	-	-	X	A	-	-	-	-	A	-	-	-	A	-	-	-
M	Methyl Cyclopentane	C_6H_{12}	B	X	-	X	A	C	A	-	-	A	-	-	-	A	-	-	-
M	Methyl Dichloride	CH_2Cl_2	X	-	-	X	-	X	A	X	-	-	X	-	-	A	-	-	-
M	Methyl Ethyl Ketone (Butanone)	CH_3CO* CH_2CH_3	X	A	C	X	A	A	X	A	A	A	X	B	X	A	-	A	A
M	Methyl Formate	$HCOOCH_3$	X	C	-	B	A	B	X	A	A	A	-	-	-	A	-	-	A
M	Methyl Hexane	C_7H_{16}	A	X	-	A	A	-	A	-	-	-	-	-	-	A	-	-	-
M	Methyl Iodide	CH_3I	X	A	-	X	A	A21°	-	X	A	A	-	-	-	A	-	-	-
M	Methyl Isobutyl Ketone (Hexone)	$CH_3COCH_2CH\ (CH_3)_2$	X	B	X	X	A	C	X	A	B	B	C/70%	A	A/70%	A	-	A	-
M	Methyl Isopropyl Ketone	$CH_3COCH(CH_3)_2$	X	C	X	X	A	C	X	-	-	A	C	-	A/70%	A	-	-	-
M	Methyl Methacrylate	$CH_2C(CH_3)\ CO_2CH_3$	X	X	-	X	A	B	C	B	-	A	A	-	A/70%	A	-	-	-
M	Methyl Oleate	$C_{19}H_{36}O_2$	X	C	-	X	A	C	B	-	-	-	-	-	-	A	-	-	-
M	Methyl Propyl Ketone	$CH_3CH_2\ CH_2COCH_3$	X	B	-	X	A	-	X	-	-	-	-	-	-	A	-	-	-
M	Methyl Salicylate	$C_6H_4(OH)COOCH_3$	X	X	-	X	A	-	B	A	A	A	-	-	-	A	-	-	-
M	Methylacrylic Acid	$CH_3CHCHCO_2H$	-	-	-	B	A	A	B	-	-	-	-	-	-	A	-	-	-
M	Methylamine	CH_3NH_2	B	A	-	A	A	A	A90%	B	B	A	A	-	-	A	-	-	-
M	Methylamyl Alcohol		B	-	-	-	A	-	X	A	A	A	A	-	-	A	A	-	-
M	Methylanilin		A	A	-	A	A	-	-	B	B	A	-	-	-	A	-	-	-
M	Methylchloroform	CH_3CHCl_3	X	X	-	X	A	-	A	-	-	A	-	-	-	A	-	-	-
M	Methylcyclopentane		B	X	-	X	A	-	A	-	-	A	-	-	-	A	-	-	-
M	Methyl Bromide	CH_2Br_2	X	-	-	X	A	-	B	X	A	A	-	-	A	A	-	-	-
M	Methylene Chloride	CH_2Cl_2	X	X	X	X	A	X	B	X	B	A/90%	X	-	B/36°	A	X22°	A	-
M	Methylhexane		X	X	-	A	A	-	A	-	-	-	-	-	-	A	-	-	-
M	Milk		B	A	B	A	A	A	A	A	X	A	A	A	A	A	-	-	A
M	Mine Water		A	-	-	-	A	B	-	B	-	B	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
M	Mineral Oil (Petroleum)	Hydrocarbons	A	X	A	B	A	X	A	A	A	Abp	A	-	A	A	-	-	A
M	Mixed Acids (Sulfuric & Nitric)	H_2SO_4 , HNO_3	X	B	-	X	A	-	A	X	X	B	X	A	A	A	-	-	-
M	Molasses		A	A	B	A	A	A	A	A	A	A	A	-	A	A	-	A	-
M	Monochlorobenzene	C_6H_5Cl	X	-	C	X	A	X	A	X	A	A	X	B	A/100%	A	-	A	-
M	N-Methyl Aniline	$C_6H_5NHCH_3$	X	-	-	X	A	-	C	-	-	-	C	A	-	A	-	-	-
M	Monoethanol Amine	$NH_2C_2H_4OH$	B	-	-	C	A	A	C	B	A	A	X	-	X	A	-	A	A
M	Monomethylether		A	-	-	B	A	-	A	-	-	-	-	X	-	A	-	-	-
M	Monovinyl Acetylene		A	-	-	B	A	-	A	-	-	-	-	-	-	A	-	-	-
M	Mustard		C	-	B	A	A	A	X	B	X	A	A	A	-	A	-	-	-
N	Naphta (Petroleum spirits) (Thinner)	Petroleum fractions	A	X	A	X	A	X	A	A	B	A	X	A	A	A	-	A	A
N	Naphta Coal Tar (Benzol)	Hydrocarbons	X	X	-	X	A	-	A	A	B	A	-	-	-	A	-	-	-
N	Naphthalene (Tar Camphor)	$C_{10}H_8$	X	X	C	X	A	C	A	B	A	A	A	A	A	A	X	A	A
N	Naphtalenesulfonic Acid	$C_{10}H_8SO_3H_2O$	-	-	-	-	A	-	-	-	-	A	-	-	-	A	-	-	-
N	Naphtoic Acid	$C_{11}H_8O_2$	B	X	-	-	A	-	A	B	B	A	-	-	-	A	-	-	-
N	Neohexane (2, 2-dimethylbuane)	C_6H_{14}	A	-	-	-	A	-	A	-	-	-	-	-	-	A	-	-	-
N	Neosol		A	B	-	A	A	-	C	B	B	A	-	-	-	A	-	-	-
N	Neville Acid		C	C	-	C	A	A	B	-	-	-	-	-	-	A	-	-	-
N	Niacin-Nicotinic Acid		-	-	-	-	A	-	-	-	-	-	-	-	-	A	-	-	-
N	Nickel Acetate	$Ni(CH_3CO_2)_2$	B	A	-	B	A	A	X	B10%	-	A	A	-	A	A	-	-	-
N	Nickel Chloride	$NiCl_2$	A	A	X	A	A	A	A	X	X	B	A	B	A	A	A65°	A	A
N	Nickel Nitrate	$Ni(NO_3)_2 * 6H_2O$	A	A	-	A	A	-	A	X	-	A	A	-	A	A	A60°	A	-
N	Nickel Sulfate	$NiSO_4$	A	A	-	A	A	A	A	X	X	A40%	A	A	A	A	A	A	B
N	Nicotine	$C_{10}H_{14}N_2$	-	A	-	A	A	-	A	A	A	A	A	-	-	A	A60°	-	-
N	Nicotinic Acid		-	A	-	A	A	-	A	A	A	A	A	-	-	A	A60°	-	-
N	Nitrana (Ammonia Fertilizer)		B	-	-	B	A	-	C	-	-	A	-	-	-	A	-	-	-
N	Nitric Acid	HNO_3																	
N	0,1		X	B	C	B	A	A	A	A	X	A	A	-	A	A	-	X	-
N	0,25		X	B	X	C	A	B	A	X	X	A	A	-	A	A	A23°	X	-
N	0,35		X	C	X	X	A	B	A	X	X	A	B	-	A	A	-	X	-
N	0,5		X	X	X	X	A	X	A	X	X	A	C	-	A	A	-	X	-
N	0,7		X	X	X	X	A	X	A	-	X	A	X	-	A	A	-	X	-
N	Concentrated		X	X	X	X	A	X	B	A	X	A	X	-	A/48°	A	-	X	-
N	Red Fuming		X	X	X	X	A	X	B	A	X	A	X	-	C	A	-	-	-
N	Nitrobenzene	$C_6H_5NO_2$	X	X	X	X	A	A	B	A	A	A	B	B	A21°	A	X	-	-
N	Nitroethane	$C_2H_5NO_2$	X	C	-	C	A	A	X	A	A	A	C	-	A/70%	A	-	-	-
N	Nitrogen Tetroxide	N_2O_4	X	X	B50%	X	A	-	C	A	B	A	X	-	C	A	-	-	-
N	Nitroglycerin	$C_3H_5O_9N_3$	A	-	-	A	A	-	A	A	A	A	-	-	-	A	-	-	-
N	Nitromethane	CH_3NO_2	X	C	X	C	A	A	X	A	A	A	C	-	A/48°	A	-	A	B

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
N	1-Nitropropane	$CH_3(CJ_2)_2NO_2$	X	A	-	C	A	-	X	A	A	A	-	-	-	A	-	-	-
N	Nitrous Acid	NHO_2	-	-	-	X	A	-	A	-	-	A	A	-	-	A	A	-	-
O	Octadecane	$CH_3(CH_2)_{16}CH_3$	A	X	-	B	A	B	A	-	-	-	-	-	-	A	-	-	-
O	n-Octane	C_8H_{18}	A	X	-	-	A	B/70%	A	-	-	-	X	-	A	A	-	-	-
O	Octyl Acetate	$CH_3COO\ (CH_2)^7CH_3$	X	-	-	-	A	-	X	A	-	A	-	-	-	A	-	-	-
O	Octylalcohol	$CH_3CH(CH_2)_5CH_3OH$	A	A	-	B	A	-	B	A	A	A	A	-	-	A	-	-	-
O	Octachlorotoulene	C_7Cl_8	X	-	-	X	A	-	A	X	-	-	X	-	-	A	-	-	-
O	Oils																		
	Almond Oil (artificial)		X	B	-	X	A	-	X	-	-	-	-	-	-	A	-	-	-
	Amyl Acetate (Banana Oil)		X	A	C	X	A	B	X	A	B	A	B	X	A/48°	A	-	A	-
	Animal Fats & Oil		A	B	B	C	A	-	A	A	X	A	-	-	A	A	-	-	-
	Bunker Oil (fuel #5, #6, #7)		A	X	-	B	A	B	A	A	A	A	-	-	-	A	-	-	-
	Castor Oil		A	B	B	A	A	B	A	A	B	A	-	-	-	A	-	-	-
	Cinnamon Oil		-	-	-	C	A	C	-	-	X	A	-	-	-	A	-	-	-
	Citric Oils		C	B	-	X	A	C	A	-	X	A	A	-	-	A	-	-	-
	Clove Oil (eugenol)		-	-	-	C	A	C	-	-	X	A	-	-	-	A	-	-	-
	Coconut Oil (Coconut Butter)		B	A	-	B	A	B	A	B	A	A	-	-	-	A	-	-	-
	Cod Liver Oil (Fish Oil)		B	A	-	B	A	B	A	A	X	A	-	-	-	A	-	-	-
	Corn Oil (Maize Oil)		A	C	A	C	A	C	A	B	C	B	A	-	A	A	-	-	-
	Cotton Seed Oil		A	A	A	C	A	B	A	A	C	A	A	B	A	A	-	A	-
	Creosote, Coal-Tar (Tar Oil)		A	X	X	C	A	B	A	B	B	B	X	X	-	A	-	-	-
	Cutting Oil (water soluble)		C	-	-	X	A	-	A	A	A	A	-	-	-	A	-	-	-
	Cutting Oil (Sulfur Base)		A	-	-	C	A	-	-	A	A	A	-	-	-	A	-	-	-
	Diesel Oil (Fuel ASTM #2)		A	X	A	C	A	C	A	A	A	A	B	-	A	A	-	-	-
	Diester Synthetic Oils		B	X	-	X	A	-	A	A	A	A	-	-	-	A	-	-	-
	Dispersing Oil #10		X	X	-	X	A	-	C	A	A	A	-	-	-	A	-	-	-
	Ethylene Dichloride (Dutch Oil)		X	X	X	X	A	X	B	X	B	B	X	B	A	A	-	A	-
	Fish Oil		A	-	-	-	A	B	A	-	-	-	-	B	-	A	-	A	-
	Flurolube (Fluorocarbon Oils)		C	A	-	A	A	X	B	A	A	A	X	-	-	A	-	-	-
	Fuel Oils (ASTM #1 thru #9)		A	X	B	C	A	C	A	A	A	A	C	C	A	A	-	A	-
	Furfual (Ant Oil)		X	B	-	B	A	C	C	A	B	A/20%	X	B	B/48°	A	-	A	-
	Fusel Oil (Grain Oil)		A	A	-	A	A	-	A	-	-	-	-	-	-	A	-	-	-
	Ginger Oil		-	-	-	A	A	C	A	-	X	A	-	-	-	A	-	-	-
	Grapefuit Oil		X	-	-	X	A	-	-	-	X	A	-	-	-	A	-	-	-
	Halowax Oil		X	X	-	X	A	X	A	X	-	-	-	-	-	A	-	-	-
	Hydraulic Oil (Petroleum Base)		A	X	X	B	A	X	A	A	A	A	X	C	-	A	-	-	-
	Lard (lard oil)		A	X	B	C	A	B	A	A	A	B	A	B	A	A	-	A	-
	Lavender Oil		B	X	-	X	A	B	B	-	-	-	-	-	-	A	-	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
	Lemon Oil (Cedro Oil)		-	-	-	C	A	C	A	A	-	A	-	-	-	A	-	-	-
	Linseed Oil (Flaxseed Oil)		A	C	B	A	A	B	A	A	A	A	A	A	A	A	-	A	-
	Lubricating Oils (petroleum)		A	X	A	B66°	A	-	A	A	A	A	A	A	A	A	-	A	-
	Methyl Salicylate (Betula Oil)		X	C	-	X	A	B	B	A	A	-	-	-	-	A	-	-	-
	Mineral Oil (Petroleum)		A	X	A	B	A	C	A	A	A	A	B	A	A	A	-	A	-
	Neatsfoot Oil		A	C	-	-	A	B	A	-	-	A	-	-	-	A	-	-	-
	Oleic Aced (Red Oil)		C	C	A	X	A	-	B	A	C	B	B	B	A	A	-	A	-
	Olive Oil		A	C	-	C	A	B	A	A	A	A	A	A	A	A	-	A	-
	Palm Oil		A	-	-	C	A	B	A	-	A	A	-	-	-	A	-	-	-
	Peanut Oil		A	X	-	B	A	B	A	-	A	A	A/21°	-	A	A	-	-	-
	Peppermint Oil		X	-	-	X	A	C	A	-	-	A	-	-	-	A	-	-	-
	Petroleum (Crude Oil) (Sour)		B	X	C	C	A	X	A	B	B	A	X	A	A	A	-	-	-
	Rape-Seed Oil (Colza Oil)		B	A	-	C	A	B	A	-	A	A	-	-	-	A	-	-	-
	Rose Oil		-	-	-	C	A	A	A	-	-	A	-	-	-	A	-	-	-
	Rosin Oil (Rosinol)		A	-	-	A	A	-	A	-	-	-	-	-	-	A	-	-	-
	Sesame Seed Oil		A	-	-	C	A	B	A	-	A	A	-	-	-	A	-	-	-
	Silicone Oils (Versilube, etc.)		A	A	A	C	A	C	A	B	B	A	A	-	A	A	-	A	-
	Soybean Oil		A	C	A	A	A	B	A	A	A	A	B	B	-	A	-	A	-
	Sperm Oil (Whale Oil)		A	-	-	X	A	B	A	-	A	A	-	-	-	A	-	-	-
	Transformer Oil (Petroleum)		B	X	-	C	A	X	A	A	A	A	B	C	-	A	-	-	-
	Tung Oil (Wood Oil)		A	X	B	C	A	B	A	A	-	A	A	-	-	A	-	-	-
	Vegetable Oils		B	A	A	C	A	A	A	A	B	A	X	-	-	A	-	A	-
	Walnut Oil		A	-	-	B	A	-	A	-	-	-	-	-	-	A	-	-	-
			A	X	-	C	A	C	A	-	-	A	-	-	-	A	-	-	-
O	Oleic Acid		X	X	A	X	A	-	B	A	X	A20°	B15°	-	A	A	-	-	B
O	Olein (Triolene)	$C_{57}H10_4O_6$	B	-	-	C	A	X	-	-	-	-	-	-	-	A	-	-	-
O	Oleum (Fuming sulfuric acid)	H_2SO_4/SO_3	C	-	X	X	A	X	A	X	X	A	X	-	X	A	-	-	-
O	0-Dicholobenzene	$C_6H_4Cl_2$	X	-	-	X	A	X	A	X	A	A	X	-	-	A	-	-	-
O	Oxalic Acid dil.	$(COOH)_2$	C	A	X	B	A	A	C	B	X	B/90%	A	B	A48°	A	-	A	-
O	conc.		X	A	X	B	A	A	X	B	-	X	-	-	-	A	-	-	-
O	Oxyacetate (Glycollic Acid)	$HOCH_2CO_2H$	X	-	-	X	A	-	-	B	-	B	-	-	-	A	-	-	-
O	Oxygen	O_2	A	-	-	A	A	A	A	-	-	A	-	-	-	A	-	-	-
O	Ozone	O_3	X	A	C	B	A	X	A	A10%	A10%	A	X	A	A	A	-	-	X
P	Paint / Solvent		X	-	-	X	A	-	-	A	-	A	-	A	-	A	-	-	A
P	Paint Thinner, DUCO	Hydrocarbons	A	X	-	C	A	C	B	A	-	A	X	A	-	A	-	-	-
P	Palmitic Acid	$CH_3(CH_2)_4$ COOH	B	B	A	C	A	A	B	B	B	A	A	-	A	A	-	-	X
P	Paraldehyde	$C_6H_{12}O_3$	C	A	-	B	A	-	X	A	A	A	-	A	-	A	-	-	-
P	Paraffin (Paraffin Oil)	Hydrocarbons	A	-	-	-	A	A	-	A	-	A	A	A	-	A	-	-	A

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
P	Paraformaldehyde	$(CH_2O)_8$	B	-	-	B	A	-	C	A10%	A	A	-	A	-	A	-	-	-
P	Pentachlorethane (Pentalin)	Cl_2 $CHCCL_3$	X	-	-	X	A	-	A	X	A	A	-	A	-	A	-	-	-
P	Pentachlorophenol (PCP)	C_6Cl_5OH	X	X	-	X	A	-	A	A	A	A	-	A	-	A	-	-	-
P	Pentane (Amyl Hydride)	C_5H1_2	A	X	B	B	A	B	A	A	B	B	-	-	-	A	-	-	A
P	Peppermint Oil		X	-	-	X	A	-	A	-	-	A	-	-	-	A	-	-	-
P	Perchloric Acid	$HClO_4$	X	B	X	B	A70%	X	A	X	X	B	-	C	A	A	-	A	X
P	Perchloroethylene (Tetrachloroethylene)	C_2Cl_4	X	X	X	X	A	X	A	X	B	A/90%	X	A	A	A	-	A	-
P	Phenethyl Alcohol (Benzyl Carbinol)	$C_6H_5(CH_2)OH$	X	B	-	X	A	-	X	A	A	A	-	-	-	A	-	-	-
P	Phenol (Carbolic Acid)	C_6H_5OH	X	C	X	C	A	C	A	B	A	B	C	X	A/100%	A	-	A	X
P	Phenol Sulfonic Acid	$C_6H_4(OH)SO_3H$	X	-	-	-	A	-	X	B	B	B	-	-	-	A	-	-	-
P	Phenyl Acetate	$CH_3COOC_6H_5$	X	B	-	X	A	-	X	-	-	-	-	-	-	A	-	-	-
P	Phenylbenzene	C_6H_5	X	-	-	X	A	C	A	-	-	-	-	-	-	A	-	-	-
P	Phenyl Ethyl Ether (Phenetole)	$C_6H_5OC_2H_5$	X	X	-	X	A	C	C	-	-	-	-	-	-	A	-	-	-
P	Phenyl hydrazine	$C_6H_5NHNH_2$	X	X	-	X	A	B	A	A	X	-	X	-	A48°	A	-	-	-
P	Phorone (Diisopropylidene Acetone)	$C_9H_{14}0$	X	C	-	X	A	B	A	-	-	-	-	-	-	A	-	-	-
P	Phosphoric Acid	H_3PO_4																	
P	0,1		A	A	-	B	A	A	A	X	X	A	A48°	-	A	A	-	A	-
P	20%		C	A	-	B	A	A	A	X	X	A100°	A48°	-	A	A	-	A	-
P	0,5		X	A	-	B	A	A	A	X	X	A	A48°	-	A	A	-	A	-
P	Concentrated		X	B	X	B	A	C	A	X	X	A100°	A48°	-	A	A	-	A	-
P	Phosphoric Anhydride - Phosphoric Acid	H_3PO_4	-	B	-	B	A	-	A	X	X	A	-	-	A	A	-	-	X
P	Phosphorus Oxychloride	$POCl_3$	-	-	-	X	A	-	-	B	B	B	-	-	-	A	-	-	-
P	Phosphorus Pentoxide	P_2O_5	A	A	-	A	A	-	A	-	-	A20°	A	-	-	A	-	-	-
P	Phosphorus Trichloride	PCl_3	X	A	-	X	A	A	A	C	B	A	X	-	A	A	-	A	-
P	Photographic Developer		A	-	X	A	-	A	A	C	X	A	A	C	A	A	-	A	-
P	Photographic Fixer		-	A	-	-	A	-	X	X	X	X	A	-	-	A	A60°	-	-
P	Phtalic Acid	$C_6H_4(COOH)_2$	-	-	-	-	A	-	-	-	-	A	-	-	-	A	-	-	-
P	Pickling Solution		-	X	X	X	A	A	B	-	-	-	-	-	-	A	-	-	-
P	Picric Acid (Carbazotic Acid)	$C_6H_2(OH)$ $(NO_2)_3$	B	B	X	B	A	X	A	A	C	A	B	-	A	A	X	-	X
P	Pineapple Oil		B	X	-	X	A	-	A	A	B	A	-	-	-	A	-	-	-
P	Pinene	$C_{10}H_{16}$	B	X	-	X	A	C	A	-	-	-	-	-	-	A	-	-	-
P	Piperidine	$C_5H_{11}N$	X	X	-	X	A	B	X	-	-	-	-	-	-	A	-	-	-
P	Plating Solutions Brass		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Cadmium		B	-	-	B	A	A	-	-	-	A	X	-	B	A	A	-	-
P	Chrome		X	C	-	X	A	A	A	-	-	-	X	X	B	A	A	X	-
P	Copper		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Gold		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Lead		B	-	-	B	A	A	-	-	-	-	A	A	B	A	A	X	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
P	Nickel		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Platinum		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Rhodium		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Silver		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Tin		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Zinc		X	A	-	A	A	-	A	-	-	X	A85°	-	-	A	A	-	-
P	Propylene Chloride		-	-	-	-	A	-	-	-	-	A	X	-	-	A	X	-	-
P	Polyvinyl Acetate Emulsion	Pvac = H_2O	-	A	-	C	A	A	-	-	B	B	A	-	A	A	-	-	-
P	Polyvinyl Butyrate		-	A	-	-	A	-	X	-	-	A	A	-	-	A	-	-	-
P	Potassium Acetate	CH_3CO_2K	B	A	-	B	A	A	X	B10%	A	B	A	-	A	A	-	-	-
P	Potassium Bicarbonate	$KHCO_3$	A	-	-	A	A	A	A	B	B/40%	A/30%	A	-	A	A	-	A	-
P	Potassium Bisulfate	$KHSO_4$	A	-	-	A	A	-	A	A10%	X	A10%	A	-	A	A	A60°	-	-
P	Potassium Bisulfite	$KHSO_3$	A	-	-	A	A	-	A	B10%	-	B10%	-	-	-	A	-	-	-
P	Potassium Borate	KBO_24H_2O	A	A	-	A	A	A	A	-	-	A	A	-	-	A	A	-	-
P	Potassium Bromate	$KBrO_3$	A	A	-	A	A	A	A	-	-	A	A	-	-	A	A60°	-	-
P	Potassium Bromide	KBr	A	A	-	A	A	A	A	A	B/80%	B/90%	A	-	A	A	A60°	A	A
P											100°	100°							
P	Potassium Carbonate (Potash)	$K2CO^3$	A	A	-	A	A	A	A	X	B	B	A	B	A	A	-	A	B
P	Potassium Chlorate	$KClO_3$	A	A	-	A	A	A	A	X	B	A60%	A	B	A	A	-	A	B
P	Potassium Chloride	KCl	A	A	-	A	A	A	A	X	B	A	A	B	A	A	A60°	A	A
P	Potassium Chromate	K_2CrO_4	A	-	-	A	A40%	A	A	A	A	A	A	-	A	A	-	-	A
P	Potassium Copper Cyanide	$K_3[Cu(CN)_4]$	A	A	-	A	A	-	A	-	-	-	A	-	-	A	-	-	-
P	Potassium Cyanide	KCN	A	A	-	A	A	A	A	C	B	B/90%	A	C	A	A	-	A	-
P												100°							
P	Potassium Dichromate	K_2Cr_2O	A	A	-	A	A	A	A	A	A	A	A	C	A	A	A60°	A	-
P	Potassium Dichlomate	$K_2Cr_2O_7$	A	A	-	A	A	-	A	A	A	A	A	-	A	A	A60°	-	X
P	Potassium Ferricyanide	$K_3[Fe(CN)_6]$	A	A	-	A	A	-	A	A	A	A	A	-	-	A	A60°	-	A
P	Potassium Ferrocyanide	$K_4[Fe(CN)_6]$	A	A	-	A	A	-	A	A	A	A	A	-	-	A	A60°	-	A
P	Potassium Fluoride	KF	A	A	-	A	A	-	-	-	-	A	A85°	-	-	A	A60°	-	-
P	Potassium Hydrogensulfate	$NaHSO_4$	A	A	-	A	A	-	A	B50%	X	B50%	A	-	-	A	A60°	-	-
P	Potassium Hydrogensulfite	$Ca(HSO_3)_2$	A	A	-	A	Abp	-	A	B	X	Abp	A	-	-	Abp	A30°	-	-
P	Potassium Hydrogen-carbonate	$KHCO_3$	A93°	A	-	A	A60°	-	A	-	-	A	A	-	-	A60°	-	-	-
P	Potassium Hydroxide	KOH 5-50%	X	A	-	B	A	A	B	X	B	A80°	A60°	-	-	A	-	-	-
P	Potassium Hydroxide (Caustic Potash)(Lye)	KOH	B	A	X	B	A	A	B	X	B	A	A	C	A66°	A	-	A	-
P	Potassium Hypochlorite	KOCl	-	A	-	X	A	A	A	-	-	X	A	-	-	A	-	-	-
P	Potassium Iodide	KI	A	A	-	A	A	A	A	B10%	-	B	A	-	A	A	-	-	-
P	Potassium Nitrate (Saltpeter)	KNO_3 1~5%	A	A	-	A	A	A	A	A/80%	B	B/80%	A	B	A	A	-	A	-
												100°							

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
P	Potassium Nitrite	KNO_2	A	A	B	A	A	A	A	B	B	B	A70°	-	-	A	-	-	-
P	Potassium Perchlorate	$KClO_4$ 10%	-	-	-	A100°	A	-	-	-	-	A100°	A	-	-	A	-	-	-
P	Potassium Permanganate (Purple Salt)	$KMnO_4$ 10%	C	A	X	C	A	A	B	A/10%	B	B/30%	B	A	A	A	-	A	-
												100°							
P	Potassium Phosphate	KH_2PO_4	A	A	-	A	A	-	A	X	X	B/30%	-	-	-	A	-	-	-
P	Potassium Silicate	K_2Sii2O_5	A	A	-	A	A	-	A	B	B	B	-	-	-	A	-	-	-
P	Potassium Sulfate	K_2SO_4	A	A	B	A	A	A	A	B	B	A	A	B	A	A	-	A	-
P	Potassium Sulfide	K_2S	A	A	-	A	A	-	A	X	B	B	A	-	A	A	-	A	A
P	Potassium Sulfite	$K_2SO_{32}H_20$	A	A	-	A	A	-	A	A	X	B50%	A	-	A	A	A	-	-
P	Propane (LPG)	C_3H_8	A	X	B	B	A	X	A	A	A	A	X	A	A	A	-	-	-
P	Propanol	C_3H_7OH	B	A	-	B	A	-	A	A	A	A	X	-	A	A	A60°	-	-
P	Propionaldehyde (Propanal)	C_2H_5CHO	X	-	-	-	A	-	X	A	A	A	-	-	-	A	-	-	-
P	Propionic Acid (Methylacetic Acid)	$CH_3CH_2CO_2H$	X	A	-	X	A	A	X	A	X	B	B	-	-	A	-	-	-
P	n-Propyl Acetate	$CH_3COO\ (CH_2)_2CH_3$	X	A	-	X	A	B	X	A	-	A	C	-	A	A	-	-	-
P	Propyl Alcohol (1-Propanol)	$CH_3CH_2CH_2OH$	B	A	-	B	A	A	A	A	A	A	A	A	A	A	-	A	-
P	Propyl Glycol		A	A	-	X	A	-	A	A	A	A	-	-	-	A	-	-	-
P	n-Propyl Nitrate (NPN)	$CH_3(CH_2)2NO_3$	A	B	-	-	A	B	C	A	X	-	-	-	-	A	-	-	-
P	Propylene	C_3H_6	X	X	-	X	A	B	A	A	A	A	-	-	-	A	-	-	-
P	Propylene Dichloride	$CH_3CH(Cl)CH_2Cl$	X	X	-	X	A	-	B	X	A	A	-	-	-	A	-	-	-
P	Polyvinyl Acetate Solution		-	A	-	X	A	-	-	-	B	-	-	-	-	A	-	-	-
P	Propylene Glycol (Methyl Glycol)	$C_3H_6(OH)_2$	A	A	A	C	A	A	A	A	A	A	A	A	A	A	-	A	B
P	Propylene Hypochlorite		X	X	-	X	A	-	B	X	A	A	-	-	-	A	-	-	-
P	Propylene Oxide	C_3H_60	-	C	-	X	A	A	X	B	B	A	X	-	X	A	-	-	-
P	Pulp Liquor																		
P	Kraft Liquor		-	-	-	A70°	-	-	-	-	-	-	-	-	-	-	A	-	A66°
P	Black Liquor		A	-	-	A70°	A	-	A	-	-	-	-	-	-	A	A	-	A66°
P	Sulfite Liquor		-	-	-	A70°	A	-	-	-	-	-	-	-	-	A	-	-	A66°
P	White Liquor		-	-	-	A70°	A	-	-	-	-	-	-	-	-	A	-	-	A66°
P	Green liquor		A	A	-	A70°	A	-	A	-	-	-	-	-	-	A	A	-	A66°
P	Pyridine	$N(CH)_4CH$	X	C	X	X	A	A	X	A	B	A	C	X	X	A	A	A	-
P	Pydraul (Phosphate Ester Base Fluid)		X	B	A	X	A	B	A	-	A	A	-	-	-	A	-	-	-
P	Pyranol		A	-	-	X	A	-	A	-	-	-	-	-	-	A	-	-	-
P	Pyrogallol	$C_6H_3(OH)_3$	-	-	-	-	A	-	-	-	-	A20°	-	-	-	A	-	-	-
P	Pyroligneous Acid (Wood Vinegar)		C	C	-	C	A	-	A	B	X	A/10%	A	-	A	A	-	-	-
P	Pyrrole (Azole)	C_4H_5N	X	X	-	X	A	C	C	-	-	-	-	-	-	A	-	-	-
Q	Quaternary Ammonium Salts		A	-	-	A	A	-	A	-	X	A	-	-	-	A	-	-	-
Q	Quinone	$C_6H_4O_2$	-	A	-	-	A	-	X	-	-	A	-	-	-	A	-	-	-
R	Racemic Acid		A	A	-	A	A	-	A	-	-	A	A	-	-	A	A	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
R	Radium Chloride	$RaCl_2$	X	A	-	A	A	-	A	-	-	X	A	-	-	A	-	-	-
R	Rape Oil		B	A	-	X	A	-	A	A	A	A	-	-	-	A	-	-	-
R	Resorcinol	$C_6H_4(OH)_2$	X	X	-	X	A	-	A	-	-	A100°	X	-	-	A	-	-	-
R	Rhodium Chloride	RhCl	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
R	River Water	Saturated with Cl_2	-	-	A	-	A	-	-	-	-	X93°	-	-	A	A	A	-	-
R	Rose Oil		-	-	-	X	A	-	A	-	-	A	-	-	-	A	-	-	-
R	Rosin	$C_{20}H30_2$	A	-	-	C	A	A	-	A	-	A	A	-	-	A	-	-	-
R	Rosin Oil - Turpentine Oil		-	-	-	-	A	-	-	-	-	-	-	-	-	A	-	-	-
R	Rotenone	$C_{23}H_{22}0$	A	A	-	A	A	-	A	-	-	-	-	-	-	A	-	-	-
R	Rubber Latex Emulsions	$(C_5H_8)n/H_20$	-	-	-	-	A	-	A	A	-	A	-	-	-	A	-	-	-
R	Rubber Solvents (Petroleum Distillate)	Hydrocarbons	X	-	-	C	A	-	X	A	-	A	-	-	-	A	-	-	-
R	Rum	Alcoholic liquor from molasses	A	A	-	A	A	A	B	-	-	A	-	-	-	A	-	-	-
R	Rust Inhibitors		A	-	-	C	-	B	A	-	-	A	A	-	-	A	-	-	-
S	SAE Oil	#10	A	X	-	X	A	-	A	-	-	A	A	-	-	A	-	-	A
S	Salad Dressing	Fats, oils, water	A	-	-	-	-	A	A	B	X	A	A	-	-	A	-	-	-
S	Sal Ammonian (Ammonium Chloride)	NH_4Cl	A	-	A	A	A	A	A	X	X	A	-	X	-	A	-	A	-
S	Sal Soda (Sodium Carbonate)	$NaCO_3$	A	A	-	A	A	B	A	X	A	A	-	-	-	A	-	-	-
S	Salicylic Acid	$HOC_6\ H_4COOH$	B	A	-	B	A	-	B	A	X	B	A	-	A	A	-	-	A
S	Salt Water (Brine)	$NaCl/H_2O$	A	A	A	B	A	A	A	B	X	A	A	-	A	A	-	-	-
S	Sea Water (Brine)		A	A	A	B	A	A	A	A	C	A	A	A	A	A	A	A	A
S	Sesame Oil		A	-	-	X	A	-	A	-	A	A	-	-	-	A	-	-	-
S	Sewage		A	C	B	B	A	A	A	B	B	A	A		A	A			
S	Sidium Peroxide	NO_2O_2	X	A	-	A	A	-	A	B	B	A	A	-	A	A	-	-	-
S	Silicic Acid	$SiOH_2$	A	A	-	A	A	A	A	-	-	A	A	-	-	A	-	-	-
S	Silicate Esters	$Si(OR)_4$	B	X	C	A	A	B	A	-	-	-	-	-	-	A	-	-	-
S	Silicon Oxide (Silicon Dioxide)	SiO_2	A	A	-	A	A	-	A	-	-	A	A	-	-	A	A	-	A
S	Silicone Oil		A	A	A	X	A	B	A	A	A	A	A	-	A	A	A	-	A
S	Silver Acetate	CH_3COOAg	X	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
S	Silver Chloride	AgCl	A	A	-	A	A	-	A	-	-	X	A	-	-	A	A	-	-
S	Silver Cyanide	AgCN	-	-	-	A	A	-	A	X	A	A	A	-	A	A	-	-	-
S	Silver Nitrate	$AgNO_3$	B	A	-	A	A	A	A	X	X	A60%	A	A	A	A	A60°	A	-
S	Skydrol Hydraulic Fluid (Phosphate Ester Base)		X	A	A	X	A	A	C	A	A	A	-	-	-	A	-	-	-
S	Soapy Water	Salt or fatty acid in H_2O	A	A	A	B	A	A	A	C	X	A	A	A	A	A	A	A	-
S	Soda Ash (Sodium Carbonate)	$Na2CO_3$	A	A	B	A	A	A	A	X	A	A	-	-	-	A	-	-	-
S	Soda Pop		A	-	-	A	A	-	A	B	B	A	-	-	-	A	-	-	A
S	Sodium Acetate	CH_3COONa	C	A	-	C	A	A	X	A	A	A	A	A	A	A	-	A	-
S	Sodium Aluminate	$Na_2Al_2O_4$	A	-	-	A	A	A	A	-	A/40%	A/40%	A	-	A	A	-	-	-
S	Sodium Benzoate	$C_6H_5CO_2Na(+H_2O)$	X	A		A	A		A	-	-	A	A	-	-	A	A60°	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
S	Sodium Bicarbonate (Baking Soda)	$NaHCO_3$	A	A	B	A	A	A	A	B	C	A/20%	A	X	A	A	-	A	-
S	Sodium Bisulfate (Niter Cake)	$NaHSO_4$	A	A	B	A	A	A	A	B/50%	C	B/50%	A	C	A	A	A60°	A	-
S	Sodium Bisulfite	$NaHSO_3$	C	A	B	A	A	A	A	B	B/20%	A/50%	A	X	A	A	-	-	-
S	Sodium Borate	$Na_2B_4O_7$	A	A	B	A	A	A	A	B	-	A	A140%	C	A	A	A	A	A
S	Sodium Bromate	$NaBrO_3$	X	A	-	B	A	-	A	-	-	X	A	-	-	A	-	-	-
S	Sodium Bromide	NaBr	-	-	-	-	A	-	-	C	C	B30%	A	-	A	A	A60°	-	-
S	Sodium Bromite	$NaBrO_2$	-	-	-	B	A	-	A	X	X	B	A	-	-	A	A	-	-
S	Sodium Carbonate	Na_2CO_3 dil	A	A	B	A	-	-	A	X	X	-	A	-	-	A	-	-	-
S		0,1								X	X	Abp	A100°				A73°		A73°
S		saturated											A100°				A73°		A73°
S	Soda Ash		A	A	-	A	-	-	A	-	-	-	-	-	-	A	-	-	-
S	Sodium Chlorate	$NaClO_3$	A	A	-	B	A	A	A	B/70%	B	B	A	B	A	A	-	A	-
S										100°		X							
S	Sodium Chloride (Table Salt)	NaCl	A	A	A	A	A	A	A	B	B30%	A	A	A	A	A	A	A	A
S	Sodium Chlorite	$NaClO_2$	X	A	-	X	A	A	A	-	-	X	A	-	-	A	A10%	-	-
S	Sodium Chromate	Na_2CrO_4	A	-	A	A	A	A	A	A/80%	A/60%	A/60%	A	-	A	A	-	-	-
										100°									
S	Sodium Cyanide	NaCN	A	A	A	A	A	A	A	X	A	A	A	C	A	A	A60°	A	A
S	Sodium Dichromate (Sodium Bichromate)	$Na_2Cr_2O_7 * 2H_2O$	-	A	X	B	A	-	A	-	-	-	A	-	A	A	A60°	A	X
S	Sodium Disulfide		A	A	-	A	A	-	A	B50%	X	B50%	-	-	-	A	-	-	-
S	Sodium Ferricyanide	$Na_3[(Fe(CN)_6]$	A	A	-	A	A	-	A	A	A	A	A	-	-	A	A60°	-	A
S	Sodium Ferrocyanide	$Na_4[Fe(CN)_6]$	A	A	-	A	A	-	A	A	A	A	A	-	-	A	A60°	-	A
S	Sodium Fluoride	NaF	A	A	-	A	A	-	A	B30%	-	B10%	A	-	A	A	-	-	A
S	Sodium Hexametaphosphate (Calgon)	$(NaPO)_3$	B	B	-	B	A	-	A	C	B	B	A	-	A	A	-	-	-
S	Sodium Hydrogen Sulfate	$NaHSO_4$	A	A	-	A	A	-	-	-	-	B	A	-	-	A	A	-	-
S	Sodium Hydrogen Sulfite	$NaHSO_3$	A	-	-	A	Abp	-	A	X	X	A100°	A	-	-	Abp	A	-	A
S	Sodium Hydrogencarbonate	$NaHCO_3$	A	A	-	A	A	-	A	-	-	A	A	-	-	A	A60°	-	-
S	Sodium Hydrogencarbonate		A	A	-	A	A60°	-	A	-	-	A	-	-	-	A60°	A	-	-
S	Water																		
S	Sodium Hydroxide (Caustic Soda)(Lye)	NaOH	B	A	X	B	A	A	X	X	B/50%	A/50%	A	X	A	A	-	X	-
S	Caustic Soda											A54°							
S	Sodium Hypochlorite	NaClO	X	B	X	B	A	A	B	X	X	X	X	X	A	A	-	X	-
S	Sodium Hyposulfite		A	A	-	A	A	-	A	-	-	B	A	-	-	A	-	-	-
S	Sodium Iodide	NaI	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
S	Sodium Metaphosphate (Kurrol's Salt)	$Na(PO_3)H$	B	A	-	C	A	A	A	X	-	B	A/70%	B	-	A	-	-	-
S	Sodium Metasilicate	Na_2SiO_3	A	A	-	A	-	A	A	B	-	A	A	B	A	A	-	A	-
S	Sodium Nitrate (Chile Saltpeter)	$NaNO_3$	C	A	B	B	A	A	A	A90%	A90%	A90%	A	A	A	A	A60°	A	-
S	Sodium Nitrite	$NaNO_2$	A	-	-	X	A	-	A	A	A	A	A	-	A	A	A60°	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
S	Sodium Oxalate	$Na_2(COO)_2$	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
S	Sodium Perborate	$NaBO_3$	C	A	B	B	A	A	A	X	B10%	A	A	B	A	A	-	-	-
S	Sodium Perchlorate	$NaClO_4$ 10%	X	A	-	A100°	A	-	A	-	-	A100°	A	-	-	A	-	-	-
S	Sodium Peroxide (Sodium Dioxide)	Na_2O_2	B	B	B	B	A	B	A	B/10%	A/90%	B/10%	B	X	A	A	-	-	-
S	Sodium Phosphate (Tribasic TSP)	Na_3PO_4	B	A	B	B	A	A	A	X	B/167%	B	A	-	A	A	-	-	-
S	Sodium Salicylate	$NaC_7H_5O_3$								-	-	A20°	-	-	-	A	-	-	-
S	Sodium Silicate (Water Glass)	$Na_2O * SiO_2$	A	A	A	A	A	A	A	A	A	A	A	-	A	A	-	A	-
S	Sodium Sulfate (Salt Cake)(Thenardite)	Na_3SO_4	A	A	A	B	A	A	A	B30%	B	A	A	-	A	A	-	A	-
S	Sodium Sulfide (Pentahydrate)	$Na_2S * {}_5H_2O$	A	A	A	A	A	A	A	A/30%	B	A/30%	A	A	A	A	-	A	-
										100°		75°							
S	Sodium Sulfite	Na_2SO_3	A	A	A	A	A	-	A	A30%	X	A30%	A	A	A	A	-	A	A
S	Sodium Tetraborate	$Na_2B_4O_{7\,10}H_2O$	A	-	B	-	A	A	A	-	-	A	C	-	A	A	-	A	B
S	Sodium Tetrafulroborate		X	A	-	A	A	-	A	-	-	X	A	-	-	A	-	-	-
S	Sodium Thiosulfate (Antichlor)	$Na_2S_2O_3$	A	A	-	A	A	-	A	A	C	A50°	A	B	A	A	-	A	-
S	Sodium Uranate	Na_2UO_4	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
S	Sorgum		A	-	-	A	A	A	-	-	A	A	-	-	-	A	-	-	-
S	Soybean Oil		A	B	B	X	A	-	A	A	-	A	B	-	-	A	A	-	A
S	Soybean Sauce	Fermented soya bean/wheat	A	-	-	A	A	A	-	-	X	A	-	-	-	A	-	-	-
S	Stannic Chloride (Tin Chloride)	$SnCl_4$	A	B	B	B	A	A	A	X	C	A/10%	A	-	A	A	-	-	-
S	Stannous Chloride (Tin Salt)	$SnCl_4$	A	B	B15%	A	A	-	A	X	B	A/10%	A	-	A	A	-	-	-
S	Starch	$C_6H_{10}O_5$	A	B	B	A	A	A	C	A	C	A	A	B	-	A	-	A	-
S	Stearic Acid	$CH_3(CH_2)_{16}$ CO_2H	B	B	B	B/70°	A	A	A	C	C	A	A	C	A	A	A	-	-
S	Stoddard Solvent	Petroleum distillate	A	X	A	C	A	X	-	A	A	A	A	A	X	A	-	-	-
S	Styrene (Vinylbenzene)	$C_6H_5CHCH_2$	X	X	X	X	A	C	A	A	A	A	-	-	A	A	-	-	-
S	Sucrose Solution (Sugar)	$C_{12}H_{22}O_{11}/H_2O$	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	-	A
S	Sulfamic Acid	H_2NSO_3H	B	-	A	A	A	-	-	A/10%	X	X	X	-	X	A	-	-	-
S	Sulfide Wastes		A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
S	Sulfite Liquors		A	C	B	B	A	A	A	-	-	-	-	-	-	A	-	-	-
S	Sulfur	S	X	A	A	B	A	A	A	A	A	A	A	A	A	A	-	A	-
S	Sulfur Chloride	S_2Cl_2	C	X	C	X	A	X	A	X	X	B	X	-	A	A	-	-	A
S	Sulfur Dioxide	SO_2	X	B	X	A	A	A	A	A	B	A/10%	A	B	A	A	-	A	-
S	Sulfur Disulfide		X	B	-	A	A	A	A	A	B	A	-	-	-	A	-	-	-
S	Sulfur Hexafluoride	SF_6	B	A	A	A	A	B	A	-	-	-	-	-	-	A	-	-	-
S	Sulfur Trioxide	SO_3	C	C	X	C	A	C	A	B	B	B	X	-	X	A	-	-	-
S	Sulfuric Acid	H_2SO_4																	
S	10%		B	A	X	A	A	A	A	X	X	A	A	-	A	A	A	-	-
S	0,25		C	B	X	B	A	A	A	X	X	B	A	-	A66°	A	-	X	-
S	0,5		C	B	X	B	A	A	A	X	X	X	A	-	A66°	A	A	X	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
S	0,6		X	X	X	C	A	A	A	X	X	X	A	-	A66°	A	-	X	-
S	0,75		X	C	X	X	A	A	A	X	C	C	A	-	A66°	A	A40°	X	-
S	0,95		X	C	X	X	A	A	A	X	B	A	X	-	A48°	A	-	X	-
S	Concentrated		X	C	X	X	A	B	A	X	B	B	X	-	A48°	A	-	-	-
S	Fuming		X	X	X	X	A	-	B	C	X	B	-	-	-	A	-	-	-
S	Sulfurous Acid	H_2SO_3	B	A	C	X	A	A	A	B	X	B	A	X	A	A	-	A	-
S	Syrup		-	-	-	A	A	-	-	A	A	A	A	-	-	A	A	-	A
T	Tall Oil (Liquid Rosin)	Rosin Acids	A	X	-	B	A	A	A	X	B100°	B	A	-	A	A	-	-	-
T	Tallow	Fat from cattle, sheep	A	-	-	-	A	B	A	A	-	A	B	C	-	A	-	-	-
T	Tannic Acid	$C_{76}H_{52}O_{46}$	C	C	A/10%	B	A	A	A	A	A	A	A	X	A	A	-	A	A
T	Tanning Oil	Tannic Acid	A	-	-	B	A	A	-	A	-	A	A	X	-	A	-	-	-
T	Tar, Bituminous (Coal Tar) (Pitch)	Mixture of aromatic & phenolic	B	X	B	C	A	B	A	A	-	A	A	A	-	A	-	-	-
		Hydrocarbons																	
T	Tartaric Acid	$C_4H_6O_6$	B	B	B	A	A	A	A	A/20%	X	A	A	X	A	A	-	A	-
T	Terpenes	C_{10} hydrocarbons	C	X	-	X	A	-	A	A	X	-	-	-	-	A	-	-	-
T	Terpineol (Terpilenol)	$C_{10}H_{18}O$	C	C	-	X	A	B	A	A	A	A	X	-	B48°	A	-	-	-
T	Teritary Butyl Alcohol	$(CH_3)_3COH$	A	-	-	A	A	B	B	-	-	-	B	-	-	A	-	-	-
T	Teritary Butyl Catechol	$C_9H_{14}O_2$	X	-	-	B	A	B	A	C	B	B	-	-	-	A	-	-	-
T	Teritary Butyl Mercaptan	$C_4H_{10}S$	X	-	-	X	A	B	A	B	-	-	-	-	-	A	-	-	-
T	Tetra Bromomethane	CBr_4	X	-	-	X	A	X	A	X	-	-	X	-	-	A	-	-	-
T	Tetrabutyl Titanate	$Ti(C_4H_9)$	B	B	-	A	A	B	A	-	-	-	-	-	-	A	-	-	-
T	Tetrachloroethane	$ClCH_2CCl_3$	X	X	-	X	A	X	A	X	A	B	-	-	-	A	-	-	-
T	Tetrachloroethylene	$Cl_2C = CCl_2$	-	-	-	-	A	X	A	B	-	A	X	-	A	A	-	-	-
T	Tetrachlorodifluoroethane	$(Cl_2FC)_2$	X	-	-	X	A	-	-	-	-	-	-	-	-	A	-	-	-
T	Tetrachloroethane (Acetylene Tetrachloride)	$(Cl_2HC)_2$	X	X	-	X	A	X	A	X	A	C	X	A	A	A	-	-	-
T	Tetradifluoroethylene		X	-	-	-	A	-	A	A	A	A	-	-	-	A	-	-	-
T	Tetraethylene Glycol (TEG)	$HOCH_2 (CH_2OCH_2)_3CH_2OH$	A	-	-	-	A	-	A	-	-	-	-	-	-	A	-	-	-
T	Tetraethyl Lead	$(C_2H_5)_4Pb$	B	X	-	X	A	C	B	B	A	A	A	-	A	A	-	-	-
T	Tetrahydrofuran (THF)	C_4H_8O	X	C	C	X	A	X	X	-	-	A	C36°	A	B21°	A	-	A	-
T	Tetrahydronaphthalene (Tetralin)	$C_{10}H_{12}$	X	X	-	X	A	-	A	A	A	A	C	-	-	A	-	A	-
T	Thiopene	C_4H_4S	X	X	-	X	A	-	C	-	-	-	-	-	-	A	-	-	-
T	Thionyl Chloride	$SoCl_2$	X	X	-	X	A	B	B	X	X	X	B	B	X	A	A	-	-
T	Tin	Sn	-	-	-	-	-	-	-	-	-	A	-	-	-	A	-	-	-
T	Tin(II) Chloride	$SnCl_2$	A	A	-	A	A	-	A	X	X	X	A	-	-	A	-	-	-
T	Tin(III) Chloride	$SnCl_4$	A	A	-	B	A	-	A	X	X	X	A	-	-	A	A	-	-
T	Titanium Dioxide	$T:O_2$	A	A	-	A	A	-	A	A	A	A	A	-	-	A	A	-	-
T	Titanium Tetrachloride	$TiCl_4$	C	X	-	X	A	X	A	X	A	B	B	-	B	A	-	-	-
T	Toluene (Toluol)	C_7H_8	C	X	C	X	A	X	B	A	A	A	X	B	A	A	X	A	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
T	Toluene Diisocyanate	$CH_3C6H_3\ (NCO)_2$	-	A	B	X	A	B	A	A	-	-	-	-	-	A	-	-	-
T	Toluidine	$CH_3C_6\ H_4NH_2$	X	-	-	-	A	-	B	A	A	A	-	-	-	A	-	-	-
T	Tomato Pulp & Juice		A	-	-	-	A	A	-	B	-	A	A	-	A	A	-	A	A
T	Toothpaste		A	A	-	C	A	-	A	-	X	A	A	-	-	A	A	-	-
T	Transmission Fluid (Type A)		A	X	B	C	A	C	A	A	A	A	-	-	-	A	-	-	-
T	Triacetin	$C_3H_5(OCOCH_3)_3$	A	A	-	B	A	A	X	B	-	-	-	-	-	A	-	-	-
T	Triallyl Phosphate	$P(OC_3H5)_3$	X	A	-	C	A	-	A	-	-	-	B	-	A	A	-	-	-
T	Triaryl Phosphate	$(C_6H_5O)_3PO$	X	-	-	C	A	-	A	-	-	-	-	-	-	A	-	-	-
T	Tributoxyl Ethyl Phosphate	$(C_4H_9O)_3P(C_2H_5)$	X	A	-	X	A	B	B	-	-	-	-	-	-	A	-	-	-
T	Tributyl Mercaptan	$(C_4H_9)_2S$	X	-	-	X	A	-	A	-	-	-	-	-	-	A	-	-	-
T	Tributyl Phosphate (TBP)	$(C_4H_9)_3PO_4$	X	C	C	X	A	B	B	A	A	A	B36°	-	A36°	A	-	-	-
T	Trichlene(Trichloroethylene)	C_2HCl_3	X	X	X	X	A	X	B	X	B	A90%	X	B	A	A	-	A	-
T	Trichloroacetic Acid (TCA)	CCl_3COOH	C	C	X	B	A	B	B	X	X	X	B	-	B	A	-	A	-
T	Trichlorobenzene	$C_6H_3C_{l3}$	X	-	-	X	A	-	B	X	A	A	-	-	-	A	-	-	-
T	Trichloroethane	$C_2H_3Cl_3$	X	X	-	X	A	X	B	X	A	A	X	-	A	A	-	A	-
T	Trichloropropane	$CH_2ClCH\ ClCH_2Cl$	X	-	-	X	A	X	B	X	X	A	X	-	-	A	-	-	-
T	Tricresyl Phosphate (Lindol) (TCP)	$(CH_3C_6H_4O)_3\ PO$	X	A	C	C	A	B	C	-	A	B	B	-	X	A	-	-	-
T	Tridecylalcohol	$CH_3(CH_2)_{12}OH$	A	-	-	-	A	-	B	-	-	-	-	-	-	A	-	-	-
T	Triethanolamine (TEA)	$C_{12}H_{25}\ CH_2OH$	X	B	X	A	A	A	C	A	A	A	A	B	X	A	Abp	A	A
T	Triethyl Aluminum (ATE)	$N(C_2H_4OH)_3$	X	-	-	X	A	B	B	-	-	-	-	-	-	A	-	-	-
T	Triethylamine	$(CH_3CH_2)_3N$	A	-	-	B	A	-	-	-	A	A	C	-	A48°	A	-	-	A
T	Triethyl Borane	$(C_2H_5)_3B$	X	-	-	X	A	B	A	-	-	-	-	-	-	A	-	-	-
T	Triethylene Glycol (TEG)	$(CH_2OCH_2CHOH)_2$	A	-	-	-	A	-	A	A	-	A	A	-	-	A	-	-	-
T	Trimethylene Glycol	$HO(CH_2)_3OH$	A	A	-	-	A	-	A	A	-	A	-	-	-	A	-	-	-
T	Trimethylamine	$(CH_3)_3N$	X	A	-	A	A	-	X	-	-	Abp	A	-	-	A	A60°	-	-
T	Trinitrotoluene (TNT)	$CH_3C_6H_2(NO_2)_3$	X	X	-	B	A	A	B	-	-	-	-	-	-	A	-	-	-
T	Trioctyl Phosphate	$(C_8H_{17}O)_3PO$	X	A	-	X	A	B	B	-	-	-	-	-	-	A	-	-	-
T	Turpentine	$C_{10}H_{16}$	A	X	B	X	A	X	A	A	A	A	X	A	A	A	-	A	-
T	Turpentine Oil		X	X	-	X	A	X	A	-	-	A	B	-	-	A	-	-	-
U	Unsymmetrical Dimethyl Hydrazine (UDMH)	$H_2NN(CH_3)_2$	C	A	-	C	A	B	X	-	-	-	-	A	A	A	-	-	-
U	Uranium Chloride		A	A	-	A	-	-	A	-	-	X	A	-	-	A	-	-	-
U	Uranium Oxide	UO_2	A	A	-	A	A	-	A	-	-	A	A	-	-	A	-	-	-
U	Urea (Carbamide)	$CO(NH_2)_2$	B	A	B	B	A	A	A	B	-	B50%	A	-	A	A	A60°	A	A
U	Uric Acid	$C_5H_4N_4$	-	-	-	-	A	-	-	-	-	A20°	-	-	-	A	-	-	-
U	Urine		A	-	-	X	A	A	A	A	A	A	A	A	A	A	-	A	-
V	Valeric Acid	$CH_3(CH_2)COOH$	X	A	-	X	A	-	-	A	-	-	-	-	-	A	-	-	-
V	Vanilla Extracts	$C_6H_3(CH0)\ (OCH_3)(OH)$	A	-	-	X	A	-	X	-	-	A	-	-	-	A	-	-	-
V	Varnish	Oil, gum resins, oil of turpentine	B	X	-	C	A	-	A	A	-	A	A	A	A	A	A60°	-	-

	Chemicals	Chemical Formula	Elastomers							Metals			Plastics						
			NBR	EPDM	Hy-trel	CR	PTFE	TPO	FPM	ALU	FC	SUS 316	PPG	Acetal	PVDF	PTFE	PVC	PPS (Ryton)	Nylon
V	Varnish (Copal)		-	-	-	-	-	-	-	-	-	A	-	-	-	A	-	-	-
V	Vegetable Juices		A	-	-	C	A	A	-	C	-	A	A	-	-	A	-	-	-
V	Vegetable Oil		B	A	-	X	A	-	A	A	B	A	X	-	-	A	-	-	-
V	Vinegar	Dilute acetic acid	C	A	C	B	A	A	A	C	X	A	A	A	A	A	A	A	A
V	Vinyl Acetate	$CH_2COOC\ HCH_2$	X	A	-	B	A	-	X	B	A	A	B	-	A	A	-	-	-
V	Vinyl Chloride (Chlorethylene)	CH_2CHCl	X	C	-	X	A	X	A	X	A	A	X	-	B	A	-	-	A
V	Volatile Oils-Naphta		B	X	-	X	A	-	A	A	A	A	A	-	-	A	A	-	A
W	Walnut Oil		A	-	-	B	A	-	A	-	-	-	-	-	-	A	-	-	-
W	Water Fresh	H_2O	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B
W	Water Distilled	H_2O	A	A	A	B	A	A	A	A	C	A	A	A	A	A	A	A	A
W	Wax	Hydrocarbons	A	X	-	A	A	-	-	A	-	A	-	A	-	A	-	-	-
W	Weed Killers		B	-	-	C	-	B	A	X	-	A	-	-	-	A	-	-	-
W	Whale Oil		A	-	-	X	A	-	A	-	A	A	-	-	-	A	-	-	-
W	Whiskey	Ethanol, esters, acids	B	A	B	A	A	A	A	A	X	A	A	B	A	A	A60°	-	-
W	White Sulfate Liquor		B	A	-	A	A	-	B	B	C	A	A	B	A	A	-	-	-
W	Wines		A	A	A	A	A	A	B	C	X	A	A	-	A	A	A	-	A
W	Wort Distillery	SugarSol.from Malt	-	-	-	A	A	-	A	A	A	B	A	B	-	A	-	-	-
X	Xylene (Xylol)	$C_6H_4(CH_3)_2$	X	X	C	X	A	X	A	A	B	B	X	-	A	A	-	A	-
X	Xylene Glycol (Brake Fluid)		X	X	B	X	A		A	A	B	B	X	-	A	A	-	-	-
X	Xylidines (Xilidin)	$(CH_3)_2C_6H_3NH_2$	-	X	-	X	A	C	X	B	B	-	-	-	-	A	-	-	-
Z	Zeolite	Hydrated alkali aliminum silica	C	A	-	C	A	A	A	-	-	A	-	-	-	A	-	-	-
Z	Zinc Acetate	$Zn(C_2H_3O)_2$	C	A	-	B	A	A	X	C	-	-	A	-	A	A	-	-	-
Z	Zinc Carbonate	$Zn\ CO_3$	A	-	-	-	A	-	A	B	B	B	-	-	-	A	-	-	-
Z	Zinc Chloride	$ZnCl_2$	B	A	A	B	A	A	A	A10%	B	A10%	A	B	A	A	A60°	A	-
Z	Zinc Cyanide	$Zn(CN)_2$	-	-	-	-	A	-	-	-	-	A20°	A	-	-	A	A	-	A
Z	(Prussium Acid) conc.		-	-	-	-	A	-	-	-	-	-	A32°	-	-	A	-	-	-
Z	Zinc Hydrosulfite	$ZnHSO_3$	A	-	-	A	A	A	A	X	-	A	-	-	-	A	-	-	-
Z	Zinc Nitrate	$Zn(NO_3)_2$	A	A	-	A	A	-	A	-	-	A	A32°	-	-	A	A60°	-	-
Z	Zinc Sulfate	$Zn\ SO_4$	A	A	X	A	A	A	A	B20%	X	B	A	B	A	A	A60°	A	-