CHEMICAL RESISTANCE GUIDE

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DISCLAIMER

Craind Impianti takes no responsibility for the enclosed information in use with product selection against chemical resistance. The data in the following tables were obtained from numerous sources in the industry, and believed to be reliable but cannot be guaranteed. The information is intended as a general guide for material selection. The end user should be aware of the fact that actual service conditions will affect the chemical resistance. It is recommended that you cross reference this guide with one or two others to insure consistency. All data provided is based on testing at 70°F [21°C].

A* B C	Excellent – No Effect Good – Minor Effect Fair – Data not Conclusive Testing Recommended Not Recommended
віапк	No Data Available
* Data li 70ºF [21	mited to % concentration at °C].

Thermoplastics, Metals and Elastomers have outstanding resistance to a wide range of chemical reagents. Such resistance, however, is a function both of temperatures and concentration, and there are many reagents which can be handled for limited temperature ranges and concentrations. In borderline cases, it will be found that there is limited attack, generally resulting in some swelling due to absorption. There are also many cases where some attack will occur under specific conditions, but for many such applications, the use of plastic will be justified on economic grounds when considered against alternative materials. Resistance is often affected [and frequently reduced] when handling a number of

chemicals or compounds containing impurities. For this reason, when specific applications are being considered, it may be worthwhile to carry out tests using the actual product that will be encountered in service.

TEMPERATURE EFFECTS: Thermoplastics and thermosets will decrease in tensile strength as the temperature increases; therefore, the working pressure must be reduced accordingly. The following factors will apply:

NOTE: If the material of the valve you have chosen is rated below the working pressure of your system then you must reconsider your choice. The standard valve top material of construction is PVC and should be taken into temperature consideration. [Other materials of construction are available, consult price list or factory.]

Opera Temp	ting eratures	(NF)		
F	С	PVC	CPVC	PP	PVDF
70	21	1.00	1.00	1.00	1.00
80	27	1.00	1.00	1.00	1.00
90	32	1.00	1.00	1.00	1.00
100	38	0.90	1.00	1.00	1.00
110	43	0.83	1.00	0.91	1.00
115	46	0.75	1.00	0.87	1.00
120	49	0.66	1.00	0.83	1.00
125	52	0.58	0.97	0.79	1.00
130	54	0.50	0.95	0.75	1.00
140	60	0.33	0.90	0.66	1.00
150	66	NR	0.80	0.60	0.97
160	71	NR	0.70	0.53	0.93
170	77	NR	0.60	0.43	0.86
180	82	NR	0.50	0.33	0.80
200	93	NR	0.33	NR	0.66
210	99	NR	NR	NR	0.60
240	116	NR	NR	NR	0.40
280	138	NR	NR	NR	0.16

Example:

Working ambient, collective surface temperature and fluid conditions 100°F [38°C] Valve chosen TVPR50-PVC set @ **75 PSIG** $\frac{1}{2}$ " PVC Valve pressure rating 230 PSIG (see chart below) Factor at 100°F =0.90 230 x .90 = 207 Valve is de-rated to **207 PSIG** Therefore: Suitable for application

Maximum Suggested Design Pressure by Valve Size at 73° F 22° C

Valve Size	PVC/CPVC	PP/PVDF
1/2"	230 psig	150 psig
3/4"	230	150
1"	230	150
1 1/2"	200	150
2"	200	150

THERMOPLASTICS & ELASTOMERS	NEOPRENE [Chloroprene Rubber abv. CR]
PVC [Polyvinyl Chloride]	This is an economical o-ring alternative where resistance to petroleum products is required. Moderate temperature range
The maximum working temperature of PVC valves is 140°F	of -20°F - 160°F [-29°C - 71°C].
CPVC [Corzan™] [Chlorinated Polyvinyl Chloride]	NITRILE [Acrylonitrile-Butadiene Copolymer abv. NBR] [BUNA-N]
CPVC is similar to PVC in mechanical properties and chemical resistance. It is suitable for applications up to 200°F [95°C]. [www.corzancpvc.com]	Nitrile diaphragms and butterfly valve seats offer high abrasion resistance along with good chemical resistance. Has a moderate temperature range of -20°F - 180°F
PP [Polypropylene]	HYPAI ON® [Chlorsulfonated Polyethylene aby CSM]
With a design stress of 1000 psi at 73°F [22°C],	Hypalon® chlorosulfonated polyethylene
resistance to sulfur-bearing compounds is particularly useful ins alt water disposal lines, crude oil piping and low pressure gas gathering systems. Valves are suitable for service up to 195°F [90°C].	Hypalon is used as an alternative to EPDM seals when necessary for butterfly and diaphragm valves. Normal temperature range is -20°F - 200°F [-29°C - 93°C]. [www.dupont-dow.com]
PVDF [Kynar®] [Polyyinylidene Fluoride]	METAL
The working temperature range of PVDF valves is -40°F up	316 S/S
to 250°F [-40°C - 120°C].	316 stainless steel has very good corrosion resistance to a
POLYCARBONATE	wide range of environments.
Unbreakable material has a 290°F [145°C] heat deflection temperature at 264 psi, absorbs very little moisture and resists acidic solutions.	ALLOY 20 Has exceptional corrosion resistance in sulfuric acid environments, and is used in a range of applications
TEFLON® [Fluorocarbons abv. PTFE]	involving this acid including mixing tanks, heat exchangers, process piping, pickling equipment, pumps, valves, fasteners
Outstanding resistance to chemical attack by most chemicals and solvents. It is a self-lubricating compound and has a temperature rating of -20°F - 400°F [-29°C - 204°C]. [www.dupont-dow.com]	TITANIUM
ELASTOMER	Titanium is resistant to dilute sulfuric and hydrochloric acid, most organic acids, most chlorine gas, and chloride solutions.
VITON® [Fluorocarbon Rubber abv. FPM]	Titanium is immune to corrosive attacks by saltwater and
Viton is more expensive than EPDM and is used an alternative for only a few applications. Viton is attacked by	marine atmosphere and exhibits exceptional resistance to a broad range of corrosive gases, acids and alkalis.
caustic [sodium hydroxide] and low molecular weight organics. Has a broad temperature range of -20°F - 300°F [- 29°C - 149°C] but is not suitable for steam service.	HASTELLOY® C-276
[www.dupont-dow.com]	Has outstanding resistance to a wide variety of chemical process environments including strong oxidizers such as
EPDM [Ethylene Propylene Diene Monomer]	wet chlorine, chlorine gas, and ferric chloride. Resistant to
This is a synthetic rubber used as the standard seal material for most valves. It is the most economical choice of	temperatures. [see www.haynesintl.com]
elastomer and has excellent all round chemical resistance to acids as well as alkalis, salts, alcohols and oxidizing	CARBON STEEL
chemicals. EPDM cannot be used on petroleum oils.	Good resistance to stress corrosion and sulfides. Has high and low temperature strength. Used in applications up to 850°F [454°C].
Hastelloy® - Reg. Trade Mark Haynes International, Inc Teffon® - Reg. Trade M Corzan™ - Reg. Trade Mark Noveon, Inc	ark DuPont Company Viton® - Reg. Trade Mark DuPont Dow Elastomers Hypalon® -Reg. Trademark DuPont Dow Elastomer

	THERMOPLASTIC						ELA	STO	IER		METAL					
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Acetaldehyde	D	D	В	С	С	A	D	В	C	D	C	A	A	A	A	C
Acetaldehyde, Aqueous, 40%	D		A	D	D	A	В	A				A		A	A	
Acetamide	D		A	D	D	A	С	A	С	A	С	A	A		A	D
Acetate Solvents, Crude	D	D	D	A	D		1					A			В	
Acetate Solvents, Pure	D		D	A	D	A	D	С	D	D	D	A				D
Acetic Acid 05%			A	A	C	A	A	A	В	В	A	A		A	A	D
Acetic Acid 10%	A	A	A	A	С	A	D	В	В	В	В	A		В	A	D
Acetic Acid 20%	A	A	A	A	С	A	C	В	C	B	В	A	A	A	A	D
Acetic Acid 30%	A		A		C	A	C	A	В	В	В	A		A	A	D
Acetic Acid 50%	A	D	A	A	В	A	С	в	C	A	A	A	A	A	A	D
Acetic Acid 60%	A		В	A		A	C	С	C			A		A	A	
Acetic Acid 80%	В	D	C	A		A	C	В	C	C	A	A	A	A	A	D
Acetic Acid Glacial 100%	D	D	A	A		A	D	В	C	C	C	A	A	B	A	C
Acetic Aldehyde (Acetaledehyde)						A	D	A	8	D	A	B	B	-	A	D
Acetic Anhydride	_	D	В	В	N	A	D	C	B	C	A	A	B	B	A	C
Acetic Ester (See Ethyl Acetate)	-	-		-		A	D	B	D	D	D		-			-
Acetic Ether (See Ether Acetate)		-	-		-	A	D	B	D	D	D	<u> </u>	-	-	<u> </u>	-
Acetal		-		-	-	A		-		-		-	-	-	-	-
Aceton	D	D		D	D	~	D		0	0	D		Δ.		A.	
Acetonicia (MathulCussida)	D	-	P	0	U	A	0	A .	A.	C	D	~	M	A	- M	~
Acetonitrile (MethylCyanide)	0	-	D	A		A	0	A	~	0	B	A	A	A	A	A.
Acetophenone	0	-	A	A		A	D	A	0	0	0	A .	-	-	D	A
Acetyl Acetone	D	-	-	D		A	D	A	U	D	D	A	-	-		U
Acetyl Benzene		-			-	A	D	A.	D	D	D	A	-	-	<u> </u>	
Acetyl Bromide		-		A		A	A				-	A		-	<u> </u>	
Acetyl Chloride	D	D	A	A		A	C	D	D	C	D	A	A	-	<u> </u>	A
Acetyl Oxide	_					A	D	В	В	С	D				<u> </u>	
Acetyl Propane						A	D	В	D	D	D	A		-		
Acetylene	B	A	A	A		A	A	A	В	A	A	A	A		В	A
Acetylene Dichloride	D					A	A		D	D	D					
Acetylene Tetrachloride	D		-			A	A	D	D	D	D	D	-	1		
Acid Mine Water	A		В	A		A	A	¢		-						
Acrylic Acid	С	D		A		A	-									
Acrylic Emulsions			D				1							1	A	
Acrylonitrile	D	D	A	A	D	A	D	D	C	C	C	A	A	()	В	A
Adipic Acid Aqueous	A	A	A	A	A	A	A	A	A	A	A	A	В	A	A	A
Air	A		A	Α	A	A	Α	A	A	A	A	Α				A
Alcohol (See Ethyl Alcohol)						A	В	A	A	A	A	A				A
Alcohol Amyl	С	В	A	A		A	A	A	В	A	A	A		A	A	
Alcohol, Allyl	D	D	A	A		A	В	A	A	A	A	A	A		A	A
Alcohol, Benzyl,	D		A	A			A	С	C	D		A		A	A	
Alcohol, Butyl	С	В	A	A		A	A	A	A	A	A	A		A	A	D
Alcohol, Diacetone,	D		С	В		A	D	A	С	С	A	A		A	A	
Alcohol, Ether						A	В	A	C	C	В					
Alcohol, Ethyl	A	A	A	A		A	В	A	A	Α	A	A		A	A	Α
Alcohol, Hexyl,	A		А			A	Α	A	В	A		Α		Α	A	
Alcohol, Isobutyl				A		A	Α	A	A	В		A		A	A	
Alcohol, Isopropyl.	A		Α	В	A	A	A	A	В	В		A		A	A	Α
Alcohol, Methyl	A	A	А	A	С	A	D	A	A	A	A	A		A	A	A
Alcohol, Octyl,							A		В	В		A		A	A	A
Alcohol, Polyvinyl	A		A			A	A	A								
Alcohol, Propargyl	A									-						
Alcohol, Propyl	A	A	A	A		A	A	A	A	A	A	A		A	A	C
Aldehvde				-		A	D	A	C	D	C					-
Alkanes		<u> </u>	-	-	-	4	A	D	-	4	D			-	-	-

		THE	RMC	PLAS	TIC			ELA	STO	IER				IETA	-	
CHEMICAL	PVC	CPVC - CORZAN	đ	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Alkazene						A	В	D	D	D	D					
Allyl Aldehyde						A	A			В	В					
Allyl Bromide		1				A	В		D	D	D					A
Allyl Chloride	D	D	В	A		B	В	D	D	D	D	A		A	A	D
Allyl Trichloride						A	A			D	D					
Alum	A	A	A	A		A	A	A	A	A	A	A		A	A	С
Alum, Ammonium	D	D	A	A		A	A	A	8	A	A					
Alum, Chrome	A	A	A	A		A	A		A	A	A	A				
Alum, Potassium	A	A	A	A		A	A	A	A	A	A					
Aluminum, Acetate		В				A	С	A	С	В	С	A	A			D
Aluminum, Ammonium Sulfate		-	A	A		A	A	A	A	В		A	A			С
Aluminum, Bromide		<u> </u>				A	A	A	A	A	A					
Aluminum, Chloride	A	A	A	A		A	A	A	A	A	A	С	A	С	A	В
Aluminum, Cholrohydroxide					-	A								-		
Aluminum, Citrate		-	-		-			-		-	-		-			
Aluminum, Fluoride	A	A	A	A	-	-	A	A	A	A	A	С	в	С	в	-
Aluminum, Formate		-			-	A	D	-		D	D	-	-		_	-
Aluminum, Hydroxide	A	A	A	A	D	A	C	A	A	A		A	A	A		C
Aluminum, Nitrate	A	A	A	A	-	A	В	A	A	A	A	A	A			C
Aluminum, Oxychloride	A		A	A			D	-					-			-
Aluminum, Phosphate		-			-	A	A	A	A	A	A	A	-			-
Aluminum, Potassium Sulfate	A	-	A	A	-	A	A	A	A	A	A	A	A			D
Aluminum, Salts	A	-	A	A	Â	A	A	A	A	A	A	D	1944			
Aluminum, Sulfate	A	A	A	A		A	A	A	A	A	A	B		A	A	C
Amber Acid	A		A	A		A	A	A								
Amines	Ċ	D		B	-	A	D	C	C	D	D	A	1	В	A	
Ammonia 10%	A	D	A			A	A	-	A	D		A	-	A	A	-
Ammonia, Anhydrous 99.5%	D		A	В	-	A	D	A	A	C	A	A	-	B	A	A
Ammonia, Aqueous 25%	A	A	A	A	-		-			C		A	-			A
Ammonia, Dry Gas	A		A		-	A	D	A	A	A	A	A	A	A	A	A
Ammonia, Liquid	D		A	A	-	A	D	A	A	B	A	A	A		A	A
Ammonia, Nitrate	В	-	A	A		A	A	A	C	В		A				A
Ammonium Phosphate, Monobas	A	A	A	A		A	A	A	A	A		A	-	A	A	
Ammonium Phosphate, Tribasic	A		A		-	A	A	A	A	A		A	-	A	A	
Ammonium, Acetate	A	A	A			A	A	A	A	A	A	A	в			С
Ammonium Alum					-	A			B	B						-
Ammonium Bichromate						A	-	A	A	A	A		-			
Ammonium. Bifloride	A	A	A	A	-	A	A	A	D	В		A	в		в	D
Ammonium. Bisulfide	A			A	-	A		-			A				-	
Ammonium, Carbonate	A	A	A	A		A	A	A	A	С	A	В	В	A	В	A
Ammonium, Casenite					-				A			A	-		-	
Ammonium. Chloride	A	A	A	A	-	A	A	A	A	В	A	В	в	A	в	С
Ammonium, Dichromate	A	A				A	-	A	A	A	A	A				A
Ammonium, Fluoride		A	-	A	-	A	С	A	B	В	A	C	-			C
Ammonium, Fluoride 10%	A	-	A	A		A	A	A	A	A	A	C		в	A	
Ammonium, Fluoride 20%	A		A	A		A	A	A		1			-			1
Ammonium, Fluoride 25%	D		A	A		A		A		-	-	С				C
Ammonium, Hydroxide	A	C	A	A	D	A	В	A	A	A	A	A		A	A	C
Ammonium, Metaphosphate	A	-	A	A	-	A	A	A	В	A	В	0	-	1.0		
Ammonium, Nitrate	B	A	A	A	-	A	A	A	A	A	A	A	A		A	D
Ammonium, Oxalate	A	1.0	A		A	A	1.00		A	A		A	-		A	D
Ammonium, Persulfate	A	A	C	A		A	С	В	A	C	A	A	A	A	A	D
Ammonium, Phosphate	A	A	A	A		A	A	A	A	A	A	C	5			D
Ammonium, Phosphate Di Basic	A		A	A		A	A	A	A	A	-	A		A	A	D
Ammonium, Phosphate Monobasic	С		A	A		A	A	A	A	A	A	С	A	A	A	D
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		THE	RMC	PLAS	TIC			EL/	STO	IER				NETA		
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Ammonium, Phosphate Tribasic	C		A	A		A	A	A	A	A		A		A	A	D
Ammonium, Salts	A	-	A	A	С	A	Ċ	A	A	A	A	D				
Ammonium, Sulfate	A	A	A	A	-	A	C	A	A	A	A	B	A	A	A	D
Ammonium, Sulfide	A	A	A	A		A	C	A	A	A		В				C
Ammonium, Thiocyanate	A	A	A			A	A	A	A	A	A	Ä	A		A	C
Ammonium Thiosulfate						A	A	A	A	A	A	A		A		D
Amvl Acetate	D	D	D	С	D	A	D	A	D	C	D	A	-	D	Ä	C
Amvi Alcohol (See Alcohol Amvi)	C	C	A		-	A	A	A	A	A	A	A	A	C	Ċ	B
Amyl Borate	-	-		A		A	A	D	A	A	A				-	-
Amyl Bromide	-	-	-		-	A	B	D	D	D	D	-	-	-	_	-
Amyl Chloride	D	D	D	Δ	D	A	A	D	D	D	C	R	Δ.	C	A	Δ
Aniline	D	D	4	C	C	Δ	B	4	D	D	4	4	Δ	B	0	0
Aniline Chlorobydrate	D	-	-		-	-		-			- 1	-			4	
Aniline Hudrochloride	D	D	D	Δ		Δ.	R	8	D	C	C	D	-	Δ	0	0
Anthraquinone Sulfonic Acid	-	-	0	A	٨	~	Δ	D	0.	-	~	-	-	^	U .	
Antinaquinone Sulionic Acid	~	-	-	A	n.		~		•			-	-			
Anti-Eroozo		-		-	-	~	A	A .	A .	A	A					
Anti-Freeze	~	-	~			~	~	~	0	0		~		-	~	~
Animony Chionde	-	-	A	~	-	-	A	-	0	0	0		-			
Antimony Pentachionoe					-	A .			0	D	0			-		0
Antimony Inchlonde	A	A	A	A		A	A	A	A	A	A	D	A		-	C
Aqua Regia 80% HCL, 20% Nitric	D	<u>,</u> C	C	A		A	C	C	C C	C	в	D	в	в	ç	D
Argon	-	-		-		A	A	A	D	C	D	A				A
Arochlor 1248	-	-		-		A	A	C	D	D		C				C
Aromatic Hydrocarbons	D						A	D	D	D		A		-		C
Arsenic Acid	A	A	A	A		A	A	A	A	A	A	8	A	-	A	D
Arsenous Acid	С		-	A		A		A		C		A	_			D
Aryl Supfonic Acid	D	-	D	C		-	1			A			-	<u> </u>		_
Asphalt	C	-	A	A		A	A	D	C	В	С	A	A	-	A	A
Aviation Fuel(115-145 OCT)	-	-	_			A	A	D		С		A				A
Aviation Turbine Fuel	-	-		-		A			-				-			
Baking Soda (See Sodium Bicarbonate)	-			<u> </u>		A	A	A	A	A	A		:	÷	A	
Barium Acetate	-				-	-	1.00					_		-		
Barium Carbonate	A	A	A	A		A	A	A	A	A	A	В	A	A	A	В
Barium Chloride	A	A	A	A		A	A	A	A	A	A	В	A	A	A	С
Barium Cyanide	D			-		A	A	-	A	A		A	-	-		C
Barium Hydrate	-		-	-		A	A	A	A	A	A	A		-		
Barium Hydroxide	A	A	A	A		A	A	A	A	A	A	A	A	B	В	С
Barium Nitrate	A	A	A			A	A	A	A	A	A	A	A	A		A
Barium Salts	A		A	A		A	A	A	A	A	A	A				
Barium Sulfate	A	A	A	A		A	A	A	A	A	A	A	A	A	A	C
Barium Sulfide	A	A	A	A		A	A	A	A.	A	A	A	A			С
Beer	A	A	A	A		A	A	A.	A	C	A	A	A	A	A	С
Beet Sugar Liquid	A		A			A	A	A	A	A	A	A				A
Beet Sugar Liquors	A	A	A	A		A	A	A	A	A	A	A	A	1		В
Benzaldehyde	D	D	C	С	D	A	С	A	D	D	C	A	A	A	A	A
Benzalkonium Chloride	A													1		
Benzene [Benzol]	D	D	C	В	D	A	В	D	C	C	D	A	A	A	В	A
Benzene Sulfonic Acid	D	A	В	В		A	Α	D	A	C	A	A	A	1		С
Benzene Sulfonic Acid 10%	D		D	В		A	A									
Benzil Chloride	В	D	A	A		A	A	D	D	D	D					
Benzoic Acid	A		A	A	С	A	Α	В	С	D	A	8	A	A	A	D
Benzol (See Benzene)				1.1												
Benzyl Alcohol (See Alcohol Benzyl)	1	D		3 1		A	A	С	D	С	С	A	A	$\langle \cdots \rangle$		В
Benzyl Benzoate				·		Α	Α	C	D	D	D	С		3	В	С
Benzyl Chloride	2	D	A	D		A	D	D	D	D	D	C				A

		THE	RMC	PLAS	TIC			ELA	STO	IER				ΙΕΤΑΙ	-	
CHEMICAL	PVC	CPVC - CORZAN	đ	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Bismuth Carbonate	A	A	A	A		A	A	A	A	A	A					
Black Liquor	A	A	A	A		A	A	В	A	A	A	Α	A			A
Bleach (See Sodium Hypochlorite)	A	A	A	A		A	A	A	D	D	A				A	
Borax	A	A	A	A		A	A	A	A	A	A	A	A	A	A	С
Boric Acid	A	A	A	A		A	A	A	A	A	A	В	A	A	A	D
Brake Fluid						A	D	A	8	С	В	A	Α		A	A
Brewery Slop						A	A		A	A		A				Α
Brine	A	A	A	A		A	A	A	A	A	A	A	A		A	С
Brine Acid	A	A	А	Α		A	A	Α		A					Α	
Bromic Acid	A		D	A		A	A	В							A	
Bromine Dry						A	Α	D	D	D	D	D				D
Bromine Gas	C		D	A		A	Α	D	С	D	Α	С	Α		Α	C
Bromine Liquid	D	D	D	A		A	Α	D	D	D	A	D	С		Α	D
Bromine Water	D	D	D	A		A	A	D	С	С	A	D		A	A	D
Bromobenzene	D	D	D		D	A	A	D	D	С	D	A				С
Bromotoluene	D	D	D			A	С	C	C	D	C	A				Α
Butadiene Gas	В	A	D	A	D	A	A	D	D	D	В	A	A		A	A
Butane	A	A	A	A		A	A	D	A	A	A	A	A		B	A
Butanediol (Butylene Glycol)	A			A			A	D								
Butanoi (See Alcohol, Butyl)	C	C	A		С	A	A	A	A	A	A	A	A		A	A
Butter						A	A	A	8	A	В	A				D
Buttermilk						A	A	A	A	A		A				D
Butyl Acetate	D	D	C	B	D	A	D	8	D	С	С	С			В	A
Butyl Acrylate Pure	D		D	A		A	D	A	-				-			-
Butyl Acrylate Saturated	C		C	A	A	A	D	A	D	A		A				C
Butyl Amine	U		U	в		A	D	D	0	D	0		-		_	-
Butyl Brazida			-			A	P	~	U	D	D		-			-
Butyl Bromide Butyl Butyrate (Butyl Butypeate)		-	-	~		~	C	~	D	D	D	_	-	-		
Butyl Carbitol		D				A	A	A	R	C	A		-			-
Butyl Cellosolve (Ethylene			-	1				-	0	0	-				-	
Glycol Monobutyl Ether)		U.	_	~	-	A	D	D	0	U.	D	~	~			
Butyl Chloride (Chlorobutane)	-			A		A	A	C	C	D	C	В	В		В	B
Butyl Diol	B	A	A	A		A	A	A			-					-
Butyl Ether	U	-	D	A		A	D	D	C	в	C			-		-
Butyl Pormate		-	-			A		0	0	0						-
Butyl Hydrate Butyl Hydride (See Butane)	-	-		-		A	A	D	A	A	8		-			-
Butyl Hydroxide			-		-	A	A	B	A	A	A					
Butyl Mercaptan	D		-	A		A						A				-
Butyl Phenol	C		A	A					С		в		-			
Butyl Phthalate [Dibutyl Phthalate]	D		A	A		A	С	В		D	D					-
Butyl Stearate				A		A	A	8	A	В	D	A	A			С
Butylbenzene (Phenylbutane)						A	A			D	D					
Butylene (Liquified Petroleum Gas)	A		D	A		Α	A	D	C	В	С	A				A
Butyraldehyde						A	D	В	D	D	С				A	
Butyric Acid	D	D	A	A	D	A	В	В	С	D	С	В	Α	A	Α	D
Cadmium Cyanide	A		-				A		A							
Cadmium Salts	-		A	A		A	A			1						
Caffeine Citrate	A		_	A		A	1									
Calamine						A	A		В	В	A	-				-
Calcium Acetate	A		A	A		A	D	A	C	B	B	C	-		-	C
Calcium Bisulfide	A	A	A	A		A	A	D	A	A	C	B	A	A	A	
Calcium Bisulte	A	A	A	A		A	A	D	A	A	A	A				0
Calcium Carbonate	A	A	A	A		A	A	A	A	A	A	A	A	A	A	C

Calcinu Chloude V A A A A A A A A A A A A A A A A A A	Carbon Steel
Calcium Chlorate A	0
Calcium Chloride A	6
Calcium Cyanide	C
	A
Calcium Hydroxide	C
Calcium Hypochloride	
Calcium Hypochlorite	D
Calcium Nitrate	D
	A
	C
	R
	C
Calcium Toinciufata	~
Calcan (Sertium Havamataphasebata)	-
Cargon (Sodium Hexametaphosphate)	
Cane Sugar Liquois	A .
Capitylic Acid (Octanic Acid)	A
Carbinol (See Alconol, Methyl)	0
Carbolic Acid (See Phenol)	D
Carbon Bisulfide D D A A A D D D B A	A
Carbon Dioxide (Wet or Dry) A A A A A A A A A A A	A
Carbon Disulfide D D D A D A A D D C D A A A	A
Carbon Monoxide A A A A A A A A A A A A A	A
Carbon Tetrachloride D D C A C A B D D C C A A A A	B
Carbonic Acid A A A A A A A B A B A A	D
Casein A A A A A B	
Castor Oil A C A A A A A A A A A A	A
Catsup A A A A A A A A A A	D
Caustic Lime (Calcium Hydroxide) A B A A A A A A	
Caustic Potash (Potassium Hydroxide) A A A A A A D A B A A	
Caustic Soda (Sodium Hydroxide) A A A A A A B A B C A	
Cellosolve (See Butyl Cellosolve) B D B A A C B D C A A A	A
Chloral Hydrate (Knockout Drops) A A A A A A B C A C	
Chlorasetic Acid A D A D B D D A A	D
Chloric Acid 10% A A D A A D D D A D	D
Chloric Acid 20% A D A A D A A	C
Chlorinated Glue A B D C A	D
Chlorine Dioxide A C A A A D D D D	D
Chlorine Dry D D C A C B C D C B	D
Chlorine Gas Dry D D D A A B D C C B A A	D
Chlorine Gas Wet D D D A A C D D C D C A	D
Chlorine Liquid D D D A C C C B C A	С
Chlorine Water A A C A A A B C C B D A A A	С
Chlorosulfonic Acid D B D C A D D D C D B A A	C
Chlorox Bleach 5.5% A C A A B D C B A D A	D
Chocolate Syrup A A A A A A B	D
Chresylic Acid 50% A B A D D A B	
Chrome Alum (Chr. Potass. Sulf.) A A A A A A A A A A A	D
Chromic Acid 05% A A A A C A A A D D A A A A	D
Chromic Acid 10% A D A A A B D D A A A A	С
Chromic Acid 20% B D A B B C C A B A A	
Chromic Acid 30% B D A A A C D A B A A A	С
Chromic Acid 50% D D B A C A C D A B B A B	D
Chromium Alum A A A A A A A A A	D
Citric Acid A A A A A A A A A A A A A A A A	D
Citric Oils D A A B D A D A	D
Cobalt Chloride A A A A A A	

it		THE	RMO	PLAS	TIC			ELA	STO	IER				IETA	-	
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Coconut Oil	A	С	A	A		A	A	в	В	A	в	A	A			В
Cod Liver Oil			-		-	A	A	A	В	В	В	A			-	
Coffee			A			A	A	A	A	A	A	A	A			С
Coke Oven Gas	D		A	A		A	A	A	D	D		A				В
Cola Concentrates			A													
Copper Acetate	A	A	A	A		A	D	A	8	В	С	A	A		A	С
Copper Borofluoride	A		A	A		A	A	A				-				
Copper Carbonate	A	A	A	A		A	A	A		D		A	A			
Copper Chloride	A	A	A	A	-	A	A	A	A	A	A	С	A	A	A	D
Copper Cyanide	A	A	A	A		A	A	A	A	A	A	A	A	В	A	D
Copper Fluoborate	A					A	A		A	В		D			A	D
Copper Fluoride	A	A	A	A		A	A	A	A	В	A	-		-		
Copper Nitrate	A	A	A	A		A	A	A	A	A	A	A	A	A	A	D
Copper Salts	A		A	A	-	A	A	A	A	A	A					
Copper Sulfate	A	A	A	A	-	A	в	A	A	A	A	A	A	A	A	D
Copper Sulfate 5%	A		A			A	A		A	A		A		A	A	D
Com Oil	A	D	A		-	A	A	В	C	A	С	A	A			A
Com Syrup	A	A	A	A		A	A	В	A	A	A			-		
Cottonseed Oil	A	D	A	A		A	A	B	C	A	A	A	A	-		A
Cream	A	A	A		-	A	A	-	B	A	10	A				D
Creosol	D	D	D	A	D	A	A	D	D	D	B	A	-	-		A
Creosota	D	D	-			Δ	4	D	D	B	Δ	Δ	Δ.	-	Δ.	4
Cresols	D	D	C	A		A	A	D	D	D	c	A		-	<u>c</u>	A
Cresulic Acid	C	B	D	A	-	A	A	0	D	D	c	A	۵	Δ	8	B
Croton Aldebude	0	0	4	C		A	4	B	4	D	~	Δ.	-	~	~	4
Crude Oil	4	4	A	4	-	A	A	0	D	D		A	Δ.	-	-	R
Chulita	8	~	A	A	_	A	A	4	4	B	-	~	-	-		
Cuntic Cyanida (See Conner Cyanida)			-	-	-	-						-	-			
Cupric Eluoride	4		۵	4	-	Δ	4	۵	-	-	-	_	-	-		-
Cupric Nitrate	~			-	_	A	A	A	A	Δ	A		-			-
Cupric Salts	A		A	A		A	A	A	D			D	-			-
Cupric Sulfate (See Copper Sulfate)	A	A	A	A	-	A	A	A		A		-	-			
Cutting Oil					-	A	A	D	8	A	B	A	-	-		B
Cyanic Acid (Isocyanic Acid)						A		A	A	A	A	A	-			
Cyclobexane	D	D	C	A	Ċ	A	A	D	D	C	C	A	A	Α	A	A
Cyclohexanol	D	D	A	A		A	A	8	C	B	C	A	A			C
Cyclohexanone	D	D	C	C		A	D	C	D	C	C	A	A	-	Α	C
Decalin	D	-	B	A	D	A	A	D	D	D	D			-		
Decanal	-		-	-	-	A	D	D		D	D		-	-		-
Decane	-		-	A	-	A	A	D	D	B	C		-	-		-
Detergents	A	С	A	A		A	A	A	A	A	-	A	-			
Detergents Heavy Duty	A	-	A	A		A		A	A	A	A	A	A	-		A
Developers					-	A	A	C	A	A		C		A	A	D
Devtrin	A	A	A	A		A	A	A	A	A		A	A			B
Dextrose	A	A	A	A		A	A	A	A	A	A	A	A	-		D
Diacetone Alcohol	D	D	A	B	-	A	D	A	C	D	B	A	A	-	A	A
Diallyl Phthalate	-					10	-				~	100				1.000
Diazo Salts	A	A	A	A								-	-			-
Dibenzyl Ether		7.8		A		A	D	C	D	D		A				A
Dibutyl Amine			1 1	A	-	A	C	D	D	C			-			A
Dibutyl Ether			-	A		A	C	C	D	C	C	A	-			A
Dibutyl Phthalate [see Butyl Phthalate]	D	D	A	A		A	B	A	D	D	D	A	Α			A
Dibutyl Sebacate	B	-		A		A	C	B	D	D	D	A				A
Dicalcium Phosohate	-		-	-	-		-	-	-	-	-		-	-	-	
Dichlorethane	D		-	C		4	C	-	D			Δ	-	-	Δ.	Δ
terrer frei est terrer		-		- V		. n.			4						0	A

	THERMOPLASTIC			ELA	STO	IER		METAL								
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Dichloro Benzene	D	D		С		A	В	D	С	D	С	A	A			
Dichlorobenzene	D	D		A		A	A	D	D	D	D					
Dichloroethylene (acetylene dichloride)	D	D	A	A	-	A	A	D	D	D	D	В			-	
Dichloroisopropyl Ether				A			D	D	D	D						
Dichloromethane						A	В	D	D	D	D					
Diemethyl Phthalate											-					
Diesel Fuel (gas oil)	A	A	В	A		A	A	D	D	A	D	A	A		_	A
Diethanolamine							D	С	D	D		A		-		A
Diethyl Cellosolve				A				D	A	C		A	A			
Diethyl Ether [ethers]	D	D	D	A	D	A	C	С	D	D	С	A		-		A
Diethyl Ketone (acetone)			-			A	D	В	D	D	D			-		
Diethyl Oxide			-			A	D	D	С	В	C			-		
Diethylamine	D	D	A	C		A	D	В	-	В	C	A		-		A
Diethylbenzene	D	-	D		D	A	A	D	D	D	D	A		-		
Diethylene Glycol [carbitol]	A	A	A	A	B	A	A	C	A	A	-	A	-	(A)		
Diethylenetriamine		~		A		A .	~	C	D	B	C	-		-		
Dialycolic Acid	A	A	A	A		A	A	A			A	A	-			
Dijsobutul Ketone	-	~		A	-	A	D	D	D	D		A	-	-		Δ
Diischutylene				Δ	-	4	Δ	D	D	C	Δ	A				0
Discoctul Phthalata				-		~	B	B		0	D	0	-			0
Disorrand Ketana	-		_	B		A .	D	8		D	0	۵		-	-	Δ.
Directive Amine	D	D	٨	D	-	A .	D	C	C	B	C	~	Δ.	-		^
Dimethyl Renzene	D		~	D	-	A		D	D	D	D	0	^		_	
Dimethyl Benzene	-					-	P	D	0	P	0					
Dimethyl Earnamide	D	0	٨		-	~	0	D	0	D	~	X				0
Dimethyl Formanide	U		A	~		~	D	D	0	D	~	~	~	-		0
Dimethyl Retone	D	0	D	P		~	P	0	0	D	0		-	-		
Dimethylemine	D	0	0	D	-	~	D	D	0	U	D.	~	-			-
Dimetrylamine Disated Distribution	D	D	A		-		0			D	D		-	-		
Diouses	D	0	0	A .		A .	A	0	0	D	D	~	-			A.
Diovale	D.	0	D	D		~	0	D	0	D	D.	0		~	0	
Dioxolarie	-		D	U			0	D	0	D	D	C	-			0
Diphonyl Ethos (Soo Diphonyl Ovido)	-		U			~	~	U	0	D	U	U	-	-		0
Diphenyl Caler (See Diphenyl Oxide)	D	0		0		-		D	0	D		~	-			
Dipropulaça Glucol	B		٨	B			A	C		4	٨	-	-	-		
Disodium Mathulareonate			~	0		-	~		-	~	n.	-	-			-
Disodium Phosphate	4		٨		-	۵.	-		-	A	٨	•	Δ	-		
Distilled Water	A	A	4	A		~		~	-	~	A		~			
District Water	n	<u> </u>	D	D		Δ.	Δ	-	-	D			-	-		
Dolomite	-			-		A	4	B	Δ	4	Δ.	-		-		
Dowtherm (Ethylene Glycol)	-		-	-		-			D	-	~	Δ	-	-		R
Dov Cleaning Solvents	-		-	-		Δ.	Α	D	D	A	D	A		Δ.		A
Enichlorohydrin	D	D	A	A		A	D	D	D	D	0	A	-	A	_	0
Ensom Salts Imagnesium sulfate]	A	-	A	A	-	A	A	A	A	A	Δ	A	-	A	в	A
Esters	D	D	C	A	-	A			~	n					-	
Ethane	D	D	c		-	A	۵	D	C	A	B	Δ.		A		A
Ethanol (See Alcobol, Ethyl)	-	-	~		-	-	~	-	×.	1						-
Ethanolamine	D		A	D	-	۵	D	Α	D	B	-	A				A
Ethers	D	D	D	A	D	A	C	C	D	D	D	A	A		B	B
Ethyl Acetate	D	D	A	A	D	A	D	B	D	D	D	A	A		A	A
Ethyl Acetoacetate	D	D	D	A	2	A	D	A	D	D	5	0	-		<u></u>	A
Ethyl Acrylate	D	D	D	A		A	D	B	D	D	D	A	A		A	A
Ethyl Alcohol	A	C	A	A	C	A	B	A	A	A	A	A	A	A	A	A
Ethyl Benzene	D	D	D	A	D	A	A	D	D	D	D	A	A		A	B
Ethyl Bromide		D	D	-		0	4	D	D	0	5	4	~	-	0	4
and the state			M	1. 2.5				-				0				.

		TH	RMC	PLAS	TIC			ELA	STO	MER				ΙΕΤΑΙ		
CHEMICAL	PVC	CPVC - CORZAN	ЬР	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Ethyl Butyrate	D		в		D	A	D	D	D	D		A				A
Ethyl Cellosolve		-	-				D	A	D	D	-				-	
Ethyl Chloride	D	D	D	A	D	A	A	A	C	B	A	A	A	A	A	A
Ethyl Ether	D	D	C	A		A	C	D	D	D	C	A		- 00-		A
Ethyl Formate	D	D	D	A		A	В	B	B	D	C	A	A			A
Ethyl Hexapol	-	-	-	A	-	A	A	A	8	B	A	A				A
Ethyl Sulfate		<u> </u>	-		-	A	D		A	C	D	D	-			C
Ethylcellulose					-		-	-	A		A		-			
Ethylene Bromide	D	D	в	A	-	A	В	C	D	D	D	A	A	в	A	A
Ethylene Chloride	D	D	C	A	D	A	A	С	D	D	С	A	A	в	В	D
Ethylene Chlorohydrin	D	D	A	A		A	A	A	A	D	A	C				С
Ethylene Diamine	D	D	A	С		A	D	A	A	A	в	A	В			A
Ethylene Dichloride	D	D	D	A		A	A	D	D	D	С	A	A	A	в	-
Ethylene Glycol	A	С	A	A	С	A	A	A	A	A		A	A		A	A
Ethylene Oxide	D	D	С	A	D	A	D	D	D	D	D	A	A		A	A
Extrin	A		A	A		A	A	A				-				
Fatty Acids	A	A	A	A	-	A	A	D	в	В	C	A	A	A	A	D
Ferric Acetate (Iron Acetate, Basic)	в		-		_	A	D			D	A					
Ferric Chloride, Anhydrous	A	A	A	A		A	A	A	В	В	В	D		A	в	D
Ferric Hydroxide	A	A	A		_	A	C	A	A	A	A	A	A			
Ferric Nitrate	A	A	A	A	_	A	A	A	A	A	A	A	A	A	A	D
Ferric Sulfate	A	A	A	A	-	A	A	A	A	A	A	В	A	A	A	D
Ferrous Chloride	A	A	A	A		A	A	A	A	A	В	D	С	A	в	D
Ferrous Nitrate	A		A	A		A	A	В	A	A	A	A	A			
Ferrous Sulfate	A	A	A	A		A	A	A	A	A	A	A	A	A	A	D
Fish Solubles	A	A	В	A						-		-				
Fluoboric Acid (Fluoro Boric Acid)	A	A	A	A.		A	A	A	A	A	A	В	A	D	A	A
Fluorine Gas (Wet)	A	D	D	A		A	A	A	D	D	D	A	A			С
Fluorine, Liquid	С		D	A		В	В	С	D	D	D	D		D	A	
Fluosilicic Acid [hydrofluosilicic Acid]	A	A	A	A	-	A	A	A	A	A	A	В	A	D	В	D
Formaldehyde	D	D	A	A	A	A	В	В	A	В	A	A	A	A	в	A
Formaldehyde 35%	A		Α	A		A	A	A	Α	С	A	A	A		A	В
Formaldehyde 50%	A		A	A		A	В	D	A	С	С	A	A		A	В
Formic Acid	A	A	A	A	С	A	D	A	Α	С	A	В	A	С	A	D
Freon 11 (MF)	D	С	Α	A		A	В	D	D	В	A	A	A			В
Freon 113 (TF)	A	С		A		Α	В	D	A	Α	A	A	А			В
Freon 114	A	С	_	A		A	Α	С	Α	A	A	Α	A			В
Freon 12	С	С	В	A		Α	В	A	A	В	A	Α	А			Α
Freon 12 (Wet)	В	С	Α			Α	Α	В	В	Α		D				
Freon 22	D	С	A	A		A	D	В	A	D	A	A	A		A	A
Freon TF	В	С	D			A	В	D	A	A		A				A
Fructose	A	A	Α	A		A	A	A	A	A	A	A	A			
Fruit Juice	A	A	A	A		A	A	A	A	A	A	A				D
Fruit Pulp	A		A	A			A	_								
Fuel Oil	В		В	A	С	A	A	D	В	A	A	A		A	A	A
Fumaric Acid (Boletic Acid)			_			A	A	_	В	A	В				\square	A
Furan						A	D	D	D	D						
Furfural (Ant Oil)(Bran Oil)	D	D	D	В		A	D	C	D	D	A	A	A		A	A
Furfuryl Alcohol	12			В		A	D	C	D	D		A				A
Gallic Acid	A	A	A	A		A	A	A	A	A	A	A	A		A	D
Gas Natural	A	A	A	A			A	D		A		A		100		В
Gasoline, Leaded	A	A	D	A	-	A	В	D	В	A	A	A	A	D	A	A
Gasoline, Sour	A		D	A	C	A	A	D	C	A	D	A	A	D	A	A
Gasoline, Unleaded	C	D	D	A		A	В	D	В	A	A	A	A	D	A	A
Gelatin	A	A	A	A		A	A	A	A	A	A	A	A		A	D

		THE	RMC	PLAS	TIC			ELA	STO	IER				IETA		
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Gin	A		A	A		A	A	A				A				
Gluconic Acid 50%					-				-	-			-	-		
Glucone Add 50%					~									-	٨	
Club	~	-	~	~	~	~	~	0	~	~	~	-	~		A	<u>^</u>
Glueria (See Charrell)	~	<u>^</u>	~	A .	16	~	~	D A	~	~	~	~	~	~	~	A .
Giycerin (See Giycerol)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Glycerol (Glycyl Alcohol)	A		A	A		A	A	A	A	A	A	A			A	
Glycolic Acid (See Hydroxyacetic Acid)	A	A	A	A	_	A	A	A	A	A	C	A	A	-	В	C
Glycols	A	A	A	A		A	A	A	A	A		в		-		В
Glyoxal				-			A		A	C	C	A	A	_		С
Gold Monocyanide				A		D	A		A	A	-	A	-	_		D
Grape Juice	A	-	-	A		A	A	-	A	A		A				D
Grape Sugar	A		A	A		A	A	A	A	A	A					
Grease	A		A	A		A	A	D	В	A	С	A	A	1	A	A
Green Liquor	A	A	Α	A		A	A	A	В	В	A	A	A) []		D
Helium			А			A	A	A	A	A	Α	D		1. 1		D
Heptane	A	С	В	A		Α	Α	D	В	A	A	Α	Α		Α	A
Hexane	D	A	В	A	D	A	A	D	В	A	A	A	A		A	Α
Hexene						A	Α	D	B	A	С					
Hexyl Alcohol (Hexanol)	A		A	A		A	A	В	В	A	Α	Α	A	Ĩ	A	A
Honey	A		A	A		A	Α		A	A		A	-	1		A
Hydraulic Oil	A		D	A		A	A	D	В	A	A	A	A	-		A
Hydraulic Oil (Synthetic)	A		D	A	-	A	A	A	C	C		A		1		A
Hydrazine	D	D	D	A		A	D	A	C	С	A	A	A			D
Hydrobromic Acid	A		A	A		A	A	A	D	D		D		A	A	D
Hydrobromic Acid 20%	A		A	A		A	A	A	C	D		D	C	A	A	C
Hydrobromic Acid 50%	A		B	A		A	A	A	B	D	A	C	C	D	B	C
Hydrochloric Acid (Dry Gas)	A		A	A	C	A	A	A	C	D		D	-	-	A	D
Hydrochloric Acid 10%	4		Δ	Δ	-	A	4	A	Δ	B		D	-	C	A	-
Hydrochloric Acid 20%	A	-	A	A	-	A	A	A	B	B	Δ.	D	B	C	A	C
Hydrochloric Acid 25%	A	Δ.	A	A		A .	A	A	B	C	A	D	0	~		~
Hydrochloric Acid 37% (Muriatic Acid)	A	4	-	A	D	A	A	C	C	C	n.,	D	B	C	B	D
Hydrocuppic Acid Shine acid	~		~	^	0		~		0	D			D	~		0
Hydrocyanic Acid 10% (fermonitrile)	A	-	A	A	-	A	A	A	8	8	A	6	A.	~	A	0
HydroCyanic Acid 10% [formonitrile]	~		~	~		~	~	~	D	D	~	0	~		~	0
Hydrofiuoria Acid 20%	~	^	~	~		A .	~	~	0	D	~		-	D	D	
Hydrofluoric Acid 20%	A	0	~		-	~	A	~	~	0		0	0	U	0	0
Hydroliuonic Acid 30%	~	0	A	A	-	~	A	A .	~	0	A	0	D		~	0
Hydrofiuonic Acid 40%	B	0	A	A		A	A	A	0	0	A	0	B		A	0
Hydrofiuonic Acid 50%	D	C	A	В	-	A	A	A	В	0	A	D	в	D	A	0
Hydrofluoric Acid 65%	A	-	A	A	0	A	A	в	0	D	A	0	-	-	A	0
Hydrofluoric Acid 75%	D	-	A	A		A	A	D	U	D	A	D			A	D
Hydrofluosilicic Acid	D	B	A	A	_	A	A	A	C	A	A	D	A	A	C	D
Hydrofluosilicic Acid 20%	A		A			A	A	A	В	В		D		D	В	
Hydrogen	A	A	A	A		A	A	A	A	A	A	A	A		A	A
Hydrogen Chloride Gas Dry	A		A	A				A								
Hydrogen Cyanide [Hydrocyanic Acid]	A	A	A	A		A	A	A	В	В	A	A	A			С
Hydrogen Fluoride	D	D	A	A		A		A		С		A	A	1	A	A
Hydrogen Peroxide	A	A	A	A		A	A	В	С	С	В	В		В	A	D
Hydrogen Peroxide 05%	A		A	A		A	A	A				В		1		D
Hydrogen Peroxide 10%	A		A	A		A			D	A		С	-	С	A	
Hydrogen Peroxide 30%	A		C	1		A	A	В	D	D	C	В	1	В	A	
Hydrogen Peroxide 50%	В	A	A	A		Α	Α	C	D	D	A	Α	A			В
Hydrogen Peroxide 90%	D		В	A	A	A	В	С	D	D	A	A	A	В	В	D
Hydrogen Phosphide (See Phosphine)	D		A	A		A	8 3			С						
Hydrogen Sulfide	A	A	A	A		A	Α	A	A	1		Α		1	В	
Hydrogen Sulfide (Aq. Sol.)	Α	A	A	A		Α	С	A	С	С	Α	A		A	Α	D

		THE	RMC	PLAS	TIC			ELA	STO	IER				IETA		
CHEMICAL	PVC	CPVC - CORZAN	dд	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Hydrogen Sulfide (Dry)	A	A	A	A		A	A	A	A	A	A	A	A		- A	В
Hydroquinone	A	A	A	A		A	A	A	D	D	A	A	A	-	A	A
Hydroxyacetic Acid (Glycolic Acid)	D			A		A	A	0	A	A	~	C		A		C
Hydroxyacetic Acid 70%	A						A	A	A	A				8		
Hydroxylamine Sulfate	A		A	A				A	A				-			
Hypochlorous Acid	A	A	A	A		A	В	8	D	D	D	D		B	В	D
lok			A	A		A	A	A	A	A		A	A	-		D
Indine Solution	D	A	A	A		A	A	A	C	C	A	D	в	A	A	D
Isobutyl Alcohol (See Alcohol, Isobutyl)	A		A	A	С	A	A	A	A	C	-	A	A	A	В	
Isooctane [trimethylpentane]	A		A	A		A	A	D	A	A	A	A	A		A	A
Isophorone	D					A	D	D	D	D		C		-		C
Isopropyl Acetate	D		В			A	D	B	D	D		В	A			A
Isopropyl Alcohol (See Alcohol, Isopropanol)	A	A	A	A	A	A	A	A	A	A	A	A	A	A		B
Isopropyl Ether	D	D	В	A		A	D	D	D	B	C	A	A		A	A
Jet Fuel JP-3	A	A	A	A		A	A	D	C	A	C	A	A		A	A
Jet Fuel JP-4	A		C	A	_	A	A	D	D	A	C	A	A		A	A
Jet Fuel JP-5	A	-	C	A	_	A	A	D	C	A	C	A	A	<u> </u>	A	A
Kerosene	A	A	A	A	D	A	A	D	D	A	C	A	A	A	A	A
Ketones	D	D	A	A	-	A	D	C	D	D	C	A	A	A	A	A
Kraft Liquor	A	A	A	A		1	-		-			A	A			C
Lacouer	D		A	D	-	A	D	D	D	D	D	A			A	D
Lacquer Thinner	C		B		-	A		A	D	D	~	A	-	A	A	-
Lactic Acid (Milk Acid)	A	A	A	A	C	A	в	A	A	B	A	A	A	B	A	D
Lard	A	A	A	A	× .	A	A	C	C	A	C	A		~		B
Lard Oil	A		A	A		A	A	A	C	A	C	A	A			A
Latex	10		A	A		A	A	B	A	A	C	A	A			
Lauric Acid	A	A	A	A	_	A						A	A		_	
Lauryl Chloride	A	A	A	A	-	A		A		A		A	A		-	
Lead Acetate (Sugar of Lead)	A	A	A	A		A	C	A	C	B	C	B	A	A	A	D
Lead Chloride	A	A	A	A		A	A	A	A	A	A	C				-
Lead Nitrate	A	A	A			A	A	A	A	A	В	A	A		-	A
Lead Sulfate	A	A	A	A		A	A	A	в	A	A	В	в		В	C
Lemon Oil	A	D	D	A		D	A		D			A	A			
Levulinic Acid																
Ligroin (Benzine)	D		С	A		A	A	С	В	A	С	A				A
Lime (Calcium Oxide)	A		A	A		A	A	C	A	A	A	A		A		D
Lime Sulfur Solution	A		A	A		A	A	A	A	D	A	A		A		A
Linoleic Acid (Linolic Acid)	В	A	A	A		A	В	D	D	В	С	A	A		A	C
Linseed Oil (Flaxseed Oil)	A	D	A	A		A	A	В	A	A	A	A	A		A	A
Lithium Bromide	A			A		A	A		D	A			-			A
Lithium Chloride	A	A	A			A	D	A	A	A		A	A			С
LPG	D		Α	A		A						В				В
Lubricants	A		A			A	A		D	A		A		A	A	
Lubricating Oil	A	A	A	A		A	A	D	С	A	С	A	A		A	A
Lye Solution (See Sodium Hydroxide & Potassium Hydroxide)	A	A	A	A												
Machine Oil	A	A	A	A		A	A		A							
Magnesium Acetate						A	D			D	A					
Magnesium Carbonate	A	A	A	A		A	A	В	Α	A	A	A	A		В	В
Magnesium Chloride	A	A	A	A		A	A	A	A	Α	A	В	В	A	A	С
Magnesium Citrate	A	A	Α	A		A	A	A		Α		-			В	
Magnesium Hydroxide [Milk of Magnesia]	A	A	A	A		A	A	A	A	A		Α				A
Magnesium Nitrate	A	A	A	A		A	A	В	A	A	A	A		A	A	С
Magnesium Oxide		A				A	Α	Α	A	Α		A	-			Α
Magnesium Sulfate (Epsom Salts)	A.	A	Α	A		A	A	A	A	Α	Α	A	A	A	Α	A

		THE	ERMO	PLAS	TIC			ELA	STO	IER				IETAI		
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Maleic Acid	A	A	A	A		A	A	С	D	D	С	A	A	A	A	В
Maleic Andydride						A	A	D	D	D		A			A	
Malic Acid (Apple Acid)	A	A	A	A		A	A	D	C	A	В	A		A	В	D
Manganese Sulfate	A	A	A			A	A	A	A	A	A	A	A			В
Mash							A		A	A		A				
Mayonnaise			A			A	A	D	D	A		A				D
Melamine (Triazane)						A				С		D				
Mercuric Chloride	A	A	A	A		A	A	A	A	A	A	D	В	A	A	D
Mercuric Cyanide	A	A	A	A		A	Α	В	A	A	A	A	Α	A		С
Mercuric Nitrate		A				A	Α	A	A		A	A				
Mercuric Sulfate	A	A	А	A		A	Α	A		A						
Mercurous Chloride																
Mercurous Nitrate	A	A	Α	A		A	A	A	С	A		A	A	1 1	С	С
Mercury (Quicksilver)	A	A	Α	A		A	A	A	A	A	A	A	A	B	A	A
Methacrylic Acid Glacial	D						D	C	С	D						
Methane (Methyl Hydride)	A	A	A	Α		A	Α	C	B	A	A	A	Α	1	Α	A
Methane Sulfonic Acid		A		A		A										
Methanol (See Alcohol, Methyl)	A	C	A	A	С	A	D	A	A	A	A	A	A	A	A	A
Methoxyethyl Oleate	A												_			
Methyl Acetate	D		В	A		A	D	В	С	C	C	A	A	1	A	В
Methyl Acetone	-					A	D	A	C	D	С	8	A	1		A
Methyl Acrylate	-			A	-	A	D	В	C	D	C	A	A	1		A
Methyl Alcohol	A	A	A	A	C	A	C	A	A	A	A	A				A
Methyl Benzene (See Toluene)	D	D	C	A	C	A	A	D	D	D	D	-				
Methyl Bromide [Bromomethane]	D	U	D	A	-	A	A	C	D	D	C	в	в			BA
Methyl Butanoi (See Alconoi, Amyl)		-		D	-	~	A	D	-	-	A D		-	-		
Methyl Cellosolve	D D	D	٨	A	-	-	0	B	0	D	4	~	4	-		P
Methyl Chloride (Chloromethane)	D	D	0	A	-	A	C	C	0	C	D	A	A	Δ.	Δ	A
Methyl Chloroform (Trichloroethane)	D	D	C	A		A	B	D	C	C	C	A	A		-	
Methyl Ether (See Dimethyl Ether)	-					A	C	C	C	B	C	C				С
Methyl Ethyl Ketone (MEK)	D	D	С	D	D	A	D	A	D	D	C	A	A	A	A	A
Methyl Formate		D				A	D	A	В	D	C	A	A		A	C
Methyl Isobutyl Alcohol									D	D						
Methyl Isobutyl Carbinol						A	A	A	A	A	A					
Methyl Isobutyl Ketone	D	D	С	A	D	A	D	В	D	D	С	A	A	A	A	С
Methyl Isopropyl Ketone	D		D	Α	D	A	D	С	D	D	С	A				С
Methyl Methacrylate	A			D		Α	D	D	С	D	Α	С				С
Methyl Propanol						A	A	В	A	A	A) (
Methyl Salicylate (Wintergreen Oil)	A	A	A	A.				С	D	D) (A
Methylamine	D	D	D	С		A	D	A	A	В		Α				
Methylene Bromide	D			D		A	С	D	D	D	С	A		1		A
Methylene Chloride	D	D	D	С	D	A	В	D	D	D	D	A	A	A	A	В
Methylene Iodine	D			C		A	A	A								
Methylhexane						A	A	D	В	A	D					
Methylisobutyl Carbinol	A		A	A			A	A		-	-		-			
Methylmethacrylate		D		A	-	A	D	D		-	-	-	-			$\left \right $
Methylsununc Adia	A		A	A		A										D
Mineral Oil	P	A	A	A	0	~	A	D	0	A	B	~	A		Δ.	•
Molasses	4	<u> </u>	4	A		A	4	4	4	4	4		A		A .	A
Monochloracetic Acid (See Chloroacetic Acid)	A		B	A		A	B	C	~	D	-	-	~	-	-	D
Monochlorobenzene (See Chlorobenzene)			В	A		A	A	D	C	D	C	A	A	-		A
Monoethanolamine	D		-	D		A	A	A	D	A	-	A	A			A
Morpholine	1		В	В		A		A	C	С	С	A	в			В
Name and State and American State		-		distant in the local distance of the local d						and the second second			and the second second			A

1		THE	RMC	PLAS	TIC			ELA	STO	MER				IETA	<u> </u>	
CHEMICAL	PVC	CPVC - CORZAN	dд	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Motor Oil	A	A	С	A		A	A	D		A		A	A			A
Mustard	A		A		-	A	A	A	A	B		A		-	A	B
Nachtha	A .		A			A	A	n	0	B	C	A	۸	٨	A	4
Naphthalana (Tar Camphor)	0	0	B	<u> </u>		A	B	0	D	D	C	A .	A	A	A .	A
Natural Cas	~		~	-		~		0		~	~	~	A .	~	~	A
Natural Gas	~	-	~	^	-	~	~	-	^ ^	^	~	~	~	-	~	~
Neon		-			-	A	A	-	A	A	A	~	-	-		A
Nickel	A		A	24.5		A	A	A	A	A	0		-			-
Nickel Acetate	A	A	A	A		A	D	A	в	в	0	0		14		-
Nickel Chloride	A	A	A	A	-	A	A	A	A	A	A	в	A	A.	A	D
Nickel Cyanide	A	-				-										
Nickel Nitrate	A	A	A	A		A	A	B	В	A	A	В	A			C
Nickel Sulfate	A	A	A	A		A	A	A	A	A	A	A	-		A	D
Nicotine	A		D	С		A			С	С	A	A	A			С
Nicotine Acid	A		A	A		A		A	A			В	В			C
Nitric Acid 10%	A	A	A	A	С	A.	A	B	C	D	Α	A	A	A	A	D
Nitric Acid 20%	A	A	Α			Α	A	D	D	D		A				D
Nitric Acid 30%	A	A	A	В		A	A	8	С	D	A	A				D
Nitric Acid 40%	A		С	B		A	A	D	С	D	A					C
Nitric Acid 50%	A	A	Α	В		A	Α	D	D	D	С	A	Α			С
Nitric Acid 70%	D	В	D	D		A	С	D	D	D	C	A	A			С
Nitric Acid Concentrate	D	D	D	D		A	С	D	D	D	С	A				D
Nitric Acid Furning	D		D	D		A	С	D	D	D	С	A	Α			D
Nitrobenzene (Oil of Mirbane) [ligroin]	D	D	A	A	D	A	C	С	D	С	С	В	A	A	A	A
Nitroethane				A		A	D	A	С	D		Α				Α
Nitrogen						A	A	A	A	A	A	Α	A			Α
Nitrogen Dioxide				A	-	A				-						
Nitrogen Solutions						1 3			A		A	-	1			
Nitroglycerine	D					A		A		0		A	A			В
Nitromethane				A		A	D	В	D	D		A				A
Nitrous Oxide	A	A	A	A		A	A	A	C	A	В	A	A		A	В
Ocenol	A	A	D	A											_	
Octane				A		A	A	D								
Octvl Acid (Caprvlic Acid)				A		A				С	В					
Octvlamine						A	D			C	С	-	-			
Oils	A	D	A	A									-			
Oils. Aniline	D		A			A	A	8	D	D		A		A	A	
Oils Anise									D		-	A	-			-
Oils. Bay		-	-			-	A	-	D		-	A	-			
Oils Bone			-			-	A		D	A		A	-			-
Oils Castor	A		-			-	A	В	A	A		A	-	-		-
Oils Cinnamon	A		-				A	-	D			A	-			-
Oils Citric	-		A		-	-	Δ	-	D	A		A	-	-	-	-
Oils Clove			B			-		-	-	A		A	-	-		-
Oils Coconut			A		-		A	A	A	A		A	-		-	-
Oils Cod Liver			A			-	A	Δ	A	Δ	-	Δ	-	-	-	
Oils Corn			4				4	C	D	4		A				
Oils Cotton Seed	۵		4				4	C	D	4		Δ			_	C
Oils. Creosote	20		D		-	-	A	D	C	B	-	A	-			-
Oils Crude Sour	-	D	5				15	~	~	. 40			-			
Oils Diesel Fuel		-	۵			1	٨	D	D	۵		۵	-			
Oils Fuel	۵		~		_	٨	4	0	D	B		4	-	Δ.	۵.	-
Oile Linseed	A .		٨				A	0	D	4		A		~		
Oile Mineral	A		A				A	0	A	A		A	-			
Oile Olive	A .		A				-	P	0	-	P	~	A			A
Oile Diss	-		A			~	~	D	0	6	D	~	~		~	~
Olia, Fille	~	1				A	A		0	6		A	1.1.1			0 2

		THE	RMC	PLAS	TIC			ELA	STO	IER				IETAI	2	
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Oils, Silicone			A				A		A	A		A				
Oils. Vegetable	A	A	A	A			A			A		A		A		
Oleic Acid (Red Oil)	A		A	A		A	В	С	В	В	A	A	A	A	A	С
Oleum	D	D	D	D		A	D	D	D	D	D	A		A		В
Orange Extract			A	A		A										
Oxalic Acid	A	A	A	A		A	A	A	в	В	A	Ä	A	C	A	D
Oxygen Gas	A	A	A	A		A	A	A	A	C	A	A	A	A	A	A
Ozone	A		С	A		A	A	A	В	D	A	A	A		A	A
Palmitic Acid 10%	A	A	A	A		A	A	в	В	A	С	A	A		в	A
Palmitic Acid 70%	D		A		-	A	A	B	С	A	С	A	A			A
Paraffin	A	A	A	A	-	A	В	D	A	A	D	A	A	-	A	A
Pentane (Amyl Hydride)	С					A	A	D	В	A	В	С		A	в	В
Peracetic Acid 40%	D		D	A		A	A	в								
Perchloric Acid 10%	A	A	A	A	D	A	A	B	A	D	A	8	A			D
Perchloric Acid 70%	D	-	A	A	-	A	A	A	A	D	A	B	B	-		-
Perchloroethylene	D		D	A	D	A	A	D	D	D	C	Δ	Δ	-	Δ	R
Pernhosnhate	A		A			A	A	A	~	A		-			-	-
Petrolatum (Petrolaum Jelly)	A	-	Δ	۵		Δ	4	C	в	A	B	Δ.	-	-		C
Petroleum (Sour)	A			~	-	~	4	D	-	A	0	~	-			
Petroleum Oils	Å		B	۵	-	4	Δ	0	C	A	C	A	-	-		A
Phenols 100% (Carbolic Acid)	D	Δ	Δ	A	C	A	B	C	D	D	C	Δ	Δ	Δ.	Δ	D
Phenylacetate		-	~	-		A	D	R	D	D	C	0		-	2	-
Phenylbudrazine	D	D	D	Δ.	-	A	C	C	0	D	C	-				
Phenylhydrazine Hydrochlorida	D	~	0	A	-	-	~					-				
Phenyinyurazine nyurounionde	D		C	~	-		D		C	D	-	-				
Phospene Gas	D		0	C	-		D	-	C	D			-	-		
Phosphoria Acid 10%	-		0	4	0		0	~	C	0	٨		Δ.	P		0
Phosphoric Acid 1078	-	-	~	~	0	-	~	0	0	D	6	0	^	D	~	0
Phosphoric Acid 20%	~	-	A .	A	-	~	~		0	0	~	0		D	~	
Phosphoric Acid 20%	-	~	A .	~		~	~	0	D	0	m		-			
Phosphoric Acid 40%	-		~		C	~	~	D	0	C		-		P	~	0
Phosphoric Acid 50%	-	2	~	2	0	~	<u>^</u>	-		-		D	-	D	^	0
Phosphoric Acid 85%	~		A	8	C	A	A	A	C	C	P	8	۵	0	Ă	D
Phosphoric Acid 05%	^	-	~	D		~	<u>^</u>	0	0	C	0	0	- ^	0	~	0
Phosphonic Acid Grade	-				-	~		D	0		0	0	-	0	0	D
Phosphorus Oxychionide Phosphorus Pad	4		٨			A		-	0	-	U	4	Δ.		D	
Phosphonis Trichlarida	0	D	0	A	-	A	0	0	D	D	C	~	A	-		0
Phosphorus Vallow	-		0	A	-	A	~	v	C	-	~		~			0
Photographic Developer	~		A	A	-	~	Δ.	-	Δ	4	-	A.	-	Δ.	۵	0
Photographic Developer	A .	~	A	A		<u>^</u>	A	-	^	A		~	Δ.	~	~	-
Photographic Solutions Phthalic Acid (Terentithalic Acid)	D	n	0	A		A	A		C	C	Δ.	~	A	-	Δ.	C
Philhalic Acid (Terephilhalic Acid)	D		D	A	-	~	~	~	4	C	~	0	~		~	0
Pickle Brine	4		4	A	-		~	-	A		Δ.	0	-		~	
Pickles Solutions	A		A	A		۵	B	C	0	D	D	-	-	-		
Picking Solutions	0	D	~	A	-	A	A	C	A	C		4	Δ.	-	Δ.	0
Pice Oil	D	0	6	^	0	A	A	0	2	B	0	~	A			B
Plating Solution Arconic	4	-	4	-	v.	~	A		4	4	V	-	~	4	4	0
Plating Solutions Antimony	À	-	A				A		A .	-				A	A	\vdash
Plating Solutions, Press	-	-	4	٨		-	4	Δ.	Å	-		A .		A	A	\vdash
Plating Solutions, Brass	0	~	A	-		A	4	0	A .	A		-		-	A	\vdash
Plating Solutions, Didite	~		4			~	A	- A		~		0		~	-	\vdash
Plating Solutions, Carmin	A	A	A	A	-	A	0	P	C	D	D	C	A	A	A	\vdash
Plating Solutions, Conner	A	A	A	A		A	A	A	4	A	U	D	~	A	A	\vdash
Plating Solutions, Copper Plating Solutions, Gold	-	~	~	~	-	A	~	A	-	-	-	C	-	~	A	\vdash
Plating Solutions, Gold	-	~	~	~	-	~	~	~	~	-	-	C	-	~	~	
maing oolutions, indium			A	E 73		A	A		A	A		5	-	A	A	

1		TH	RMC	PLAS	TIC			ELA	STO	MER				IETA	-	
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Plating Solutions, Iron	D	A	С			A	A		С	A		С		A	D	
Plating Solutions, Lead	A	A	A	A		A	A	A	A	В		С		D	A	
Plating Solutions, Nickel	A	A	A	A		A	A	A	A	A		C	A	A	A	
Plating Solutions, Bhodium	A	A	A	A		A	A	A	В	A		D		D	D	
Plating Solutions, Silver	A	A	A	A		A	A	A	A	A		A	A	A	A	
Plating Solutions, Tin	A	A	A	A		A	A	A	C	В		C	A	D	A	
Plating Solutions, Zinc	A	A	A	A		A	A	A	A	A		D		A	D	В
Polyethylene Glycol	A	D	A	A		A	A	A		A	A		-			
Polyvinyl Acetate Emulsion				A		A	A	A	В		В	-				С
Polyvinyl Alcohol	A		A	A		A	A	A								
Potash (Potassium Carbonate)	A	A	A	A		A	A	A	A	A	A	A	A	A	A	С
Potassium Acetate	A	A	A	A		A	D	A	в	В	в	С				C
Potassium Alum (Aluminum Potassium Sulfate)	A	A	A	A		A	A	A	A	A	A	-	-			
Potassium Bicarbonate	A	A	A	A	-	A	A	A	A	A	A	В	A	A	В	A
Potassium Bichromate	A	A	A	A		A	A	A	в	A	A	A	A		_	в
Potassium Bisulfate	A	A	A	A	-	A	A	A	A	A	A	A	A			C
Potassium Bromate	A	A	A	A		A	A	A	A	A	A	A	A			A
Potassium Bromide	A	A	A	A		A	A	A	A	A	A	В	A	A	В	D
Potassium Carbonate (Potash)	A	A	A	A		A	A	A	A	A	A	A	A	A	В	C
Potassium Chlorate Aqueous	A	A	A	A		A	A	A	A	A	A	A	A	A	в	B
Potassium Chloride	A	A	A	A		A	A	A	A	A	A	A	A	A	A	C
Potassium Chromate	A	A	A	A	-	A	A	A	A	A	A	В	A		В	В
Potassium Coppercyanide	A		A	A		A	A	A	A	A					-	-
Potassium Cvanide	A	A	A	A		A	В	A	A	A	A	в	A	A	A	В
Potassium Dichromate	A	A	A	A	-	A	A	A	A	A	A	A	A	A	В	C
Potassium Ferricvanide	A	A	A	A		A	A	A	A	A	A	A	A		-	C
Potassium Ferrocyanide	A	A	A	A	_	A	A	A	A	C	A	A	A		в	C
Potassium Fluoride	A	A	A	A		A	A	A	A	A	A	A	A			
Potassium Hydroxide (Caustic Potash)	A	A	A	A	С	A	C	в	в	C	A	A		C	В	A
Potassium Hydroxide 25%		A				A		A	A	В	A	A	A			В
Potassium Hydroxide 50%	A	A	A	В												
Potassium Hypochlorite	A	A	A	A		A	A	A	D	D	A	В	A			В
Potassium lodide	A	A	A	A		A	A	A	A	A	A	A	A			В
Potassium Nitrate (Salt Peter)	A	A	A	A		A	В	A	A	A	A	D	A	A	A	В
Potassium Perborate	A	A	A	A		A			A	A						
Potassium Perchlorate	A	A	A			A		A	С	С	A					
Potassium Permanganate	A	A	A	A		A	В	A	A	С	A	В	A	В	A	A
Potassium Persulfate	A	A	A	A		A		A	С	С	A	A				
Potassium Phosphate		A				A	Α	Α	Α	A		С				D
Potassium Salts			A	A		A	A	A	A	A						
Potassium Sulfate	Α	A	A	A		A	Α	A	A	A	А	В	A	A	A	(A)
Potassium Sulfide	Α	A	Α	A		A	Α	A	Α	A	Α	В	B		В	С
Potassium Thiosulfate						Α	Α		A	A	A	C				
Propane (Dimethylmethane)	A	A	В	A	D	A	A	D	В	A	В	A	Α		A	A
Propanol (See Alcohol, Propyl)	A	A	Α	A		A	Α	A	A	A	A	A	A		A	Α
Propargyl Alcohol	Α		A	A		1.1	1	A	A	1	С					
Propyl Acetate				A		A	D	В	D	D	C	A	A			A
Propyl Alcohol	A	A	A	A		A	A	A	A	A	A	Α	Α		A	Α
Propylene						A	Α	D	D	D	D	A				A
Propylene Dichloride	D	D	C	A		A	В	D	D	D	D	A				A
Propylene Glycol	С	A	A		С	A	A	A	A	Α	A	A			В	В
Pyridine	D	D	Α	C		В	D	С	D	D	С	С	A		A	A
Pyrogallic Acid (Pyrogallol)	В		A	D		A	A	C	A	A		A	A		A	В
Quaternary Ammonium Salts			1			A	A		A	A		A				D
Rayon Coagulating Bath	A		A	A		1 3				4			1			

		THE	RMO	PLAS	TIC			ELA	STO	IER				ΙΕΤΑΙ	2	
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Rhodan Salts	A		A	A		A	A	A		. J						
Rosins	C		A			A	A	D	A	A	A	A	A		в	С
Rum	A		A			A	В	A	A	A	A	A				
Rust Inhibitors			A				A		C	A		A				D
Salad Dressing	A		A				A			A		Ä				D
Salicylaldehyde	D		A	С		A	A	A		A						
Salicylic Acid	A		A	A	С	A	A	A	С	С	A	A	A			С
Saline Solutions	A		A	A					A							
Salt Brine	A	A	A	A		A	Α	A	A	A	A	A			В	
Sea Water	A	A	A	A		A	A	A	В	A		A		A	A	D
Selenic Acid	Α		A	A					A	A	A				A	
Sewage	A		A	A		A	Α	A	В	A	A	Α		1		D
Shellac Bleached			A			A	A	D	С	A		A		1 1		A
Shellac Orange			A			A	A	D	С	A		A)		A
Silicic Acid	(A)	A	Α	A		A	A	A	A	A	A			1 1		
Silicone Oil	A	A	A	A		A	A	A	A	A	A	Α	A	1 1	A	A
Silver Bromide						A						С			A	D
Silver Cyanide	A	A	A	A		A	A	A	A			A	A	1		D
Silver Nitrate	A	A	A	A	A	A	A	A	A	С	A	Α	A	A	A	D
Silver Salts	A		A	A		A	A	A	A			A	-	1		
Silver Sulfate	A	A	A	A		A	A	A	A	A				A		
Soap Solutions	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A
Soda Ash (Sodium Carbonate)						A	A	A	A	A	A	С	-	-		C
Sodium	A		A	A		A	A	A		1				1		
Sodium Acetate	A	A	A	A	С	A	С	A	В	С	A	8	A	A	A	С
Sodium Alum	A	A	A	A		A	A	A	A	A	A			2		С
Sodium Aluminate	2	A	-	1		A	A	A	A	A	A	A	A	В	A	A
Sodium Benzoate	Α	A	A	A		A	1	A		A				5		(
Sodium Bicarbonate	A	A	A	A		A	Α	A	A	A	A	A	A	A	A	С
Sodium Bichromate	A	A	A	A		A	Α	A	A	A	A	A	A			С
Sodium Bisulfate	A	A	A	A		A	A	A	A	A	A	A	A	A	В	D
Sodium Bisulfite	Α	A	A	A		A	Α	A	A	A	Α	A	Α	A	A	D
Sodium Borate (Borax)	С	A	A	A		A	Α	A	A	A	A	A	A	A	A	С
Sodium Bromate					_											
Sodium Bromide	Α	A	A	A		A	Α	A	A	A		A	Α	Α		С
Sodium Carbonate (Soda Ash)	A	A	А	A		A	Α	A	A	Α		A	Α	A	A	В
Sodium Chlorate	A	A	Α	A		A	Α	A	A	С	Α	В	Α	A	В	С
Sodium Chloride (Salt)	A	A	Α	Α		Α	A	A	A	Α	Α	С	в	A	A	С
Sodium Chlorite	D	A	Α			8	D	D		В	A]]		
Sodium Chromate		A	A			A	в	A	A	A	С	A	A	A	В	В
Sodium Cyanide	A	A	Α	A		A	A	A	A	A	A	Α	A	A		A
Sodium Dichromate	A	A	A	A		A	A	A.	В	A	A	A	A) (В
Sodium Ferricyanide	A	A	A	A		A	A	A		A		A	A			С
Sodium Ferrocyanide	A	A	A	A		A	A	A		A	1	A	A	1		
Sodium Fluoride	A	A	A	A		A	В	A	В	A	A	В	A	A	A	С
Sodium Hydrosulfide						A	A	A	A	D				1 1		
Sodium Hydrosulfite	С					A	A		A	1					A	
Sodium Hydroxide 15%	A	A	A	A		A	С	A	A	A	Α	A		A		
Sodium Hydroxide 20%	A	A	Α	A	D	A	С	A	A	A		A	-	A	A	A
Sodium Hydroxide 30%	Α	A	A	A		A	С	A	A	A	A	A		A		В
Sodium Hydroxide 50%	A	A	A	A	D	A	С	A	A	A	A	A	A	A	A	В
Sodium Hydroxide 70%	A	A	A	В	D	A	D	A	В	С	A	В	A	A	В	С
Sodium Hydroxide Conc. (Caustic Soda)	A	A	A	A	С	A	В	A	В	D	В					С
Sodium Hypochlorite 20% (Bleach)	A	A	A	A	C	A	A	В	C	С		C		A	A	D
Sodium Hypochlorite Conc.	A	A	В	A	D	A	D	D	C	D	A	A	A	1 3	A	D

		THE	RMC	PLAS	TIC			ELA	STO	IER				IETA	<u> </u>	
CHEMICAL	PVC	CPVC - CORZAN	dд	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Sodium Hyposulfate						A		1	C			A				D
Sodium Metaphosobate	A	A	A	A		A	A	A	B	A	A	A	A	-	-	C
Sodium Metapilicata	A.	-	A	A		A	A	A	4	A	0	A		-		B
Sodium Nitrate	A	A	A	A		A	B	A	R	C	4	R	۵	Δ	Δ.	A
Sodium Nitrite	A	A	A	A		A	A	A	A	C	A	A	A			B
Sodium Palmitrate	A		A	A		A				-	10			-		
Sodium Perborate	A	A	A	A	-	A	A	A	с	C	R	C	A		A	B
Sodium Perchlorate	A	A	A	A		A				B	<i>v</i>					
Sodium Peroxide	A		A	A		A	A	A	C	B	A	A	A		В	C
Sodium Phosphate Acid (Di Basic)	A	A	A	A		A	A	A	B	A	A	A	A		A	B
Sodium Phosphate Alkaline (Mono Basic)	A		A	A		A	A	A	A	A	A	A	A		A	B
Sodium Phosohate Neutral (Tri Basic)	A		A	A		A	A	A	A	A	A	A	A		A	B
Sodium Polyphosobate	A			A		A	A	A	D	B	B	A		A	A	D
Sodium Silicate	A	A	A	A	-	A	A	A	A	A	A	A	Α	A	A	A
Sodium Sulfate	Δ	A	Δ	A		A	Δ	A	A	A	A	Δ	A	Δ	Δ	Δ
Sodium Sulfide	A	<u>^</u>	A	~	-	A	A	~	A	0	~	B	A	A	A	B
Sodium Sulfia	A .	~	A	A .		A	A	-	A	4	4	4	A	A	A	
Sodium Tetrahorate	A		4	A		A	A	-	~	A	~	A	~	~		-
Sodium Teiraborate	A	A	A	A		A	A	Δ.	-	-	-	~	-	-		-
Sodium Thioculfate	A .	~	A	A		A	A	A	A	B	4	٨	Δ.			D
Sorahum	~		~	0		A	A	-	A	4	~	A.	<u> </u>	-		4
Soughum			-	-	-	-	^		~	~	-	~	-	-		0
Soubean Oil		0				~	~	0	A	~		~	۵	-		0
Stappic Chlorida	A .		A	~		A .	A		C	A	A	0	A	Δ.	~	D
Stannic Ghlonde	~	~	A	~		~	~	-	A	^	0	0	^	~		U
Stannous Chloride (Tin Saltz)	A .		A	~		A .	P	0	A	D		0				D
Starth (Amulum)	A	A	A	~		A	A	0	A	D	A		A	~	~	D
Startin (Amyum)	A .		A			-	A	6	C	B		~			•	C
Stearic Acto	0	0	A	~		~	~	0	C	0	~ ~	~	~	~	~	~
Strontium Carbonate	0		v	0		~	~		U.	~	~	0	~	~	~	~
Stronium Cardonate	0	D	-		-		C	D	D	D	0	- A				۵
Succipic Acid (Butanadioic Acid)	4		۵	-		-	4	4	U	4	~	~	A		-	A
Sugar Solutions	-		A	-		-	A	2	4	A		~	-		A	B
Sulfamic Acid	D		D	D		-	~	2	A	6	A	A	Δ.		~	C
Sulfate Liquors	4	A .	4	4		4	Δ.	4	Δ	4	A	0	A		Δ.	C
Sulfated Detergents	A	-	4	A		<u> </u>	~		~	0			~	-	A	
Sulfer 10%	A		A	~		A	A	D	D	C		C	-	Α	A	
Sulfer Dioxide	D	-	D			A	C	A	B	D	-	A	-	A	R	-
Sulfite Liquior	A	-	A	A		A	A	A	C	B	-	~	-	-	<u> </u>	-
Sulfur	A	A	A	A		A	A	C	A	C	A	A	A	A	A	С
Sulfur Chloride	A	A	C	A		A	A	D	D	D	A	D	B	-	~	D
Sulfur Dioxide Dry	A	A	A	A	C	A	A	A	D	D	A	A	A		B	A
Sulfur Dioxide Wet	D	A	A	A	C	A	A	A	C	D	A	A	A	<u> </u>	A	
Sulfur Slurries	A		A	A	-		-			-						-
Sulfur Trioxide Dry	C	A	D	D		в	C	C	D	С	C	A				A
Sulfuric Acid 10%	A	A	A	A	A	A	A	A	C	C	B	C	-	A	A	D
Sulfuric Acid 100%	D	A	D	C	2.5	B	C	D	D	D	D	C		D	В	В
Sulfuric Acid 30%	A	A	A	A	-	A	A	A	A	C	A	D	A	C	A	C
Sulfuric Acid 50%	A	A	A	A		A	A	В	C	C	A	D	A	C	A	D
Sulfuric Acid 60%	A	A	A	В		A	A	В	C	D	A	D	A	C	A	C
Sulfuric Acid 70%	A	A	C	A		A	A	A	D	C	A	D	A	C	В	C
Sulfuric Acid 80%	A	A	A	A	D	A	A	A	D	C	A	В	A	D	A	D
Sulfuric Acid 90%	B	A	C	A		A	A	A	D	C	A	A	A	D	A	C
Sulfuric Acid 95%	D	A	D	A		A	A	D	D	D	C	D	В	D	A	C
Sulfuric Acid 98%	D	A	D	A		В	D	D	D	С	C	D	В	D	В	C
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		THE	RMC	PLAS	TIC		1	ELA	STO	IER				NETA		_
CHEMICAL	PVC	CPVC - CORZAN	dd	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Sulfurous Acid	A	A	A	A		A	A	С	С	D	A	В	A	A	в	D
Sulfuryl Chloride	A			1		A									В	1
Syrup	A		A		-	A	A	A	в	A		A			-	
Tall Oil	A	C	A	A		A	A	D	В	A	C	В	A		A	B
Tallow		1	A	A		A	A	A	В	A	В	A				
Tannic Acid	A	A	A	A		A	A	в	A	C	A	С	A	A	A	С
Tanning Liguors	A	A	A	A		A	A	B	A	C	A	A	A	A	A	
Tar	D		В	A		A	A	D	C	C	A	A	A		A	A
Tartaric Acid (Dihydrxy-succinic Acid)	A	A	A	A	С	A	A	в	A	A	A	В	A	A	A	D
Tertiary Butyl Alcohol	A		A	A		A	A	В	C	D						
Tetrachlorethane	D		A		_	A	A	D		D	-	A		A	A	
Tetrachloroethane	D		D	A	_	A	A	D	D	D	С	A	A			A
Tetraethyl Lead	В	A	A	A	-	A	в	D	С	C	С	8	A			в
Tetrahydrofuran	D	D	С	В		A	D	D	D	D	C	A				_
Tetralin	D	-	D	A		A	A	D	D	D	D	A	-	-		A
Thionyl Chloride	D	D	D	D	D	A	A	-	D	D	-	D	-	-		D
Thread Cutting Oils	A	-	A	A	-	A		D		A	-	A	A	-	A	A
Titanium Tetrachloride	D	D	D	A		A	A	D	D	C	C	C	B	A	C	C
Titanous Sulfate	A	-	A	A	-	A		-			-	-			-	-
Toluene	D	D	C	A	C	A	в	D	D	D	D	A	A	A	A	A
Toluene Toluol	D	D	C	R	C	A	C	D	D	D	D	A		A	A	A
Tomato Juice	A	A	A	A		A	-	A	A	A	C	A	A	-	B	D
Toyaphane, Xylane	D		D	A							-	10				-
Transformer Oil	A		A	A		A	Δ	D	C	A	D	A	A		A	A
Tributyl Phosphate	D	D	B	Δ		Δ	D	Δ	C	D	C	A	4	۵	~	Δ
Trichloroacetic Acid	A	A	A	A	-	A	D	D	D	D	A	D	B	R		D
Trichloroethane	D	~	D	A	-	A	4	D	D	D	~	4		A	Δ	C
Trichloroethylene	D	D	C	A	-	A	A	D	D	C	C	A	Δ	B	Δ	B
Trichloropropage	-		Ŷ	-	-	A	A	-	C	A	-	A	-	A	~	A
Tricresul Phoenhate	D		A	D		A	B	A	0	D	-	A	-	B	A	C
Triethanolamine	B	D	D	C		A	D	A	A	B	A	Ă	A	A	2	A
Triethyl Phosphate	A		A	A	_	A	A	A	~	-		A			\vdash	
Triethylamine	A	A	D	c		-	A	-	Ă	A	-	-		-		
Trimethylpronane	A	<u> </u>	A	A		A	-	A	A	A	A		-	-		
Trisodium Phosphate	A	A	A	A	-	A	A	A	A	A	A	A	A			
Turbine Oil	A	12	B		-	A	A	D	D	B	D	A		-		A
Turpentine	D	D	B	Α	D	A	A	C	D	A	C	A	A	-	Α	A
Urea	A	A	A	A	D	A	A	A	A	C	A	A	A		-	C
Urine	A	A	A	A		A	A	A	D	A	A	A	A	-		CA
Vanilla Extract		-	A	-		A	D	-	D	A		A	-	-		
Varnish	D		A	A	-	A	A	D	D	B	D	A	A		A	С
Vaseline	D		A	A	-	A	A	D	B	A	B	A	A	-	A	A
Vegetable Oil	A	D	A	A	-	A	A	A	D	A	A	A	A	-	B	A
Vinegar	A	A	A	A		A	A	A	A	C	A	A	A	A	A	D
Vinvi Acetate	D	D	B	A	-	A	D	B	c	D	C	A	B			C
Vinyl Chloride	D	-	-	A	-	A	A	C	D	D	D	A		-		C
Vinvl Ether	-			-		A	D		-	B	В			-		-
Water Acid Mine	A	A	A	A	-	A	A	A	C	A	A	A	A	-	A	D
Water Deionized	A	A	A	A		A	A	A	A	A	A	A	A		A	C
Water Demineralized	A	A	A	A			A	A		A		12	1000		A	-
Water Distilled	A	A	A	A		A	A	A	A	A	A	A	A		A	D
Water Potable	A	-	A	A		A	A	A	A	A	A	A	A		A	B
Water Salt	A	A	A	A		A	A	A	A	A	A	A	A		A	D
Water Sewage	A	1.1	A	A		A	A	A	1.1	A					A	-
Weed Killers							A	-	C	В		A			- 7	
				1								11	-			<u> </u>

1		THE	RMC	PLAS	TIC			ELA	STON	MER			. 1	META	2	
CHEMICAL	PVC	CPVC - CORZAN	Ьb	PVDF - KYNAR	Polycarbonate	Teflon	Viton	EPDM	Neoprene	Nitrile	Hypalon	316 S/S	Alloy 20	Titanium	Hastelloy C	Carbon Steel
Whey			,			A	A			A		A				
Whiskey	A	A	A	A		A	Α	A	Α	Α	Α	Α	A		A	D
White Acid			1	Α		A										
White Liquor	A	A	A	A		A	A	A	A	В	A	A	A		A	С
Wines	A	A	Α	A	-	A	A	A	Α	A	A	A	Α			D
Xenon						A	A	A	A	A	Α	A				,
Xylene	D	D	D	A	D	A	В	D	D	D	С	A	A		A	A
Xyloi	D		С	A	D	A	A	D	D	С	D	С				С
Yeast			А	A		A	Α	A	Α							
Zeolite						A	A	A	С	В	A					
Zinc Acetate	A	A	A	A		A	C	A	Α	В	A	Α	A			С
Zinc Carbonate		A				A	Α	A		A	A	В	A			C
Zinc Chloride	Α	A	Α	A		A	Α	A	Α	Α	Α	В	A	Α	С	D
Zinc Chromate						A					С					
Zinc Nitrate	A	A	A	A		A	A	Α		A	A	A	A			1
Zinc Phosphate																
Zinc Salts			A	A		A	A	A	A	A	A					
Zinc Sulfate	A	A	A	A		A	A	A	A	A	A	A	A	A	A	D
Zirlite						A	С	Α	Α	В	В					