CHEMICAL RESISTANCE CHARTS

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Α											
ACETALDEHYDE	_	_	Α	С	С	С	В	Α	Α	-	С
ACETIC ACID	С	Α	Α	С	С	Α	С	В	Α	Α	С
ACETIC ACID ANHYDRIDE	С	В	Α	С	Α	С		В	Α	Α	С
ACETON	С	В	Α	С	В	В	Α	Α	Α	В	С
ACETYLENE		Α	Α	В	В			Α	Α	Α	Α
ALUMINIUM CHLORIDE SOLUTION		В	Α	-	Α	В	Α	Α	Α	Α	Α
ALUMINIUM SULPHATE SOLUTION	Α	В	A	Α	Α	Α	Α	Α	Α	Α	Α
ACETATE D'AMYLE		В	В	С	С	С		A	С	С	В
AMMONIA (anhydrous)	Α	_	Α	С	Α	Α		В	Α	В	С
AMMONIUM CHLORIDE SOLUTION		Α -	Α	С	Α			Α	Α	Α	Α
AMMONIUM HYDROXIDE SOLUTION		В	Α		Α			Α	Α	Α	Α
AMMONIUM SULPHATE SOLUTION	Α	A	Α		Α	Α		Α	Α	Α	Α
AMYLACETATE		В	Α	С	С	С		Α	Α	С	С
AMYLALCOHOL	С	Α	A	С	Α	С		A	Α	A	Α
ANILINE	С	С	Α	С	С		В	В	Α	В	Α
ASPHALT	Α	В	Α	С	В	С		С	Α	В	Α
ASTM Oil No.1		Α		A	Α	В		С	Α	A	Α
ASTM Oil No.3		A		В	A	С		C	A	В	Α
ASTM Oil Reference Fuel A ASTM Oil Reference Fuel B		A		A C	A C			С	A	A C	Α
ASTM Oil Reference Fuel C		A		С	С			С	A	С	A
B		А		C	C			C	А	C	A
BARIUM HYDROXIDE		В	Α	С	Α	Α		Α	Α	Α	Α
BEER		A	A	A	A	A		A	A	A	A
BENZALDEHYDE	С		A	C	C	C	С	В	A	C	C
BENZENE	С	Α	A	A	В	С	A	В	A	В	A
BENZENE CHLORIDE		7.	A	7.	С		7.	С	A	С	В
BENZOL	С	В	Α	С	С	С	Α	С	Α	С	В
BORAX SOLUTION	Α	Α	Α	С	Α			Α	Α	Α	Α
BORIC ACID SOLUTION	Α	Α	Α	С	Α	Α	В	Α	Α	Α	Α
BROMINE LIQUID (anhydrous)	С	С	С	С	С	С		С	Α	Α	Α
BUTANE	С	С		Α	Α			В	Α	Α	Α
BUTYL ACETATE	С	В	Α	С	С	С	Α	С	Α	С	С
BUTYRALDEHYDE			Α	С	В			В	Α	В	С
BUTYRIC ACID		В	Α		С			C	Α	В	
С											
CALCIUM BISULPHITE SOLUTION			В	Α	Α	Α		В	Α	Α	Α
CALCIUM CHLORIDE SOLUTION	Α	Α	Α	С	Α	Α	Α	Α	Α	Α	Α
CALCIUM HYDROXIDE SOLUTION		В	Α	С	Α	Α		Α	Α	Α	Α
CALCIUM HYPOCHLORITE SOLUTION (20%)			Α	С	В	В		Α	Α	Α	В
CALCIUM HYPOCHLORITE SOLUTION (5%)		Α	Α	С	В	В		Α	Α	Α	Α
CARBON DIOXIDE		Α	Α	В	Α	Α		В	Α	Α	Α
CARBON DISULPHIDE	С		Α	С	С		Α	В	Α	С	
CARBON MONOXIDE		Α	Α		Α	Α		С	Α	Α	
CARBON TETRACHLORIDE	С	В	Α	С	С	С	Α	С	Α	С	
CHLORINE GAS (dry)	С	С	В	В	В		С	С	Α	В	Α
CHLORINE GAS (moist)	С	С	В	С	С		С	С	Α	В	В



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CHLOROACETIC ACID		С	Α	С	Α	С		A	Α	Α	С
CHLOROBENZENE	С	С	Α	В	С	С	Α	С	Α	С	Α
CHLOROFORM	С	С	С	С	С	С	С	С	Α	С	Α
CHLOROSULPHONIC ACID	С	С	С	С	С			С	Α	С	С
CHROMIC ACID (10-50%)		С	В	С	С	С	В	С	Α	Α	Α
CITRIC ACID SOLUTION	Α	Α	Α	С	Α	Α		Α	Α	Α	Α
COTTON SEED OIL		Α	Α	Α	Α	Α		Α	Α	Α	Α
CREOSOTE			Α		С			С	Α	С	Α
CUPRIC CHLORIDE SOLUTION		Α		Α	Α	Α		Α	Α	Α	Α
CUPRIC SULPHATE SOLUTION		Α		С	Α	Α	В	Α	Α	Α	Α
CYCLOHEXANE	С	Α	Α	Α	С	С		С	Α	С	Α
D DIBUTYL PHTHALATE		Α	^	Α	С		Α	Α	_	С	В
DIETHYL ETHER		A	A	C	С		A	C	A		-
DIETHYL SEBACATE		Α		С	С			В	A	В	В
DIETHYL PHTHALATE		A	Α	С	С	С	Α	В	A	С	В
DOWTHERM A				С	В			С	Α	В	Α
E											
EPICHLOROHYDRIN		С	Α	С				В	Α	В	С
ETHANOL		Α	Α	В	Α	Α	Α	Α	Α	Α	Α
ETHER		С	Α	В	С	С		В	Α	С	Α
ETHYL ALCOHOL		Α	Α	В	Α	Α	Α	Α	Α	Α	Α
ETHYL CHLORIDE		С	Α	В	С	С		В	Α	С	Α
ETHYLACETATE	С	В	Α	С	С	В	Α	Α	Α	В	С
ETHYLENE DICHLORIDE	С	С	Α	С	В	В		В	Α	С	Α
ETHYLENE GLYCOL		Α	Α		Α	Α		Α	Α	Α	Α
ETHYLENE OXIDE		A	Α		С			С	Α	С	С
EXXON 2380 LUBRICATING OIL		В						С	Α		Α
FERRIC CHLORIDE SOLUTION	Α	В	Α		Α	Α	Α	Α	Α	Α	Α
FLUOROSILICIC ACID		В	A	С	A	C		В	A	A	<u> </u>
FORMALDEHYDE (40%)	С	В	A	С	A		Α	A	A	A	Α
FORMIC ACID		В	Α	С	Α	В	С	Α	Α	Α	С
FREON 11		Α	Α		Α	С		С	Α	Α	A-B
FREON 12		Α	Α		Α	С	Α	В	Α	Α	A-B
FREON 22			Α		Α	С		С	Α	Α	С
FREON 113		Α	Α		Α			С	Α	Α	Α
FREON 114		Α	Α		Α			С	Α	Α	В
FURFUROL			Α	С	В		В	В	Α	В	С
FYRQUEL 220 (hydraulic fluid)		В							Α		Α
G				_						_	
GLUE		Α	Α	A	Α			Α	Α	Α	Α
GLYCERINE (90%)	Α	Α	Α	С	A	A	Α	A	Α	A	Α
GREASE H		Α	Α		В	С		С	Α	В	Α
n-HEXANE	С	Α	Α	Α	Α	С	Α	С	Α	Α	Α
HYDRAZINE (diamide)		C				С		A	A		C
HYDROCHLORIC ACID (20%)	В	В	Α	С	Α	В	С	В	A	Α	A
HYDROCHLORIC ACID (37%)	В	С	A	С	A	В	С	A	A	A	A
HYDROCHLORIC ACID (48%)	_	С	A	С		_		В			A
ITT DICOUNEOUG AGID (4070)				C .	Α		C		Α	Α	_ ^



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HYDROCHLORIC ACID (anhydrous)		С	Α	С	В		С	С	Α	Α	Α
HYDROGEN		Α	В	С	Α	Α		Α	Α	Α	Α
HYDROGEN CYANIDE		В			Α			Α	Α	Α	
HYDROGEN PEROXIDE (90%)			В	С	В		C	В	Α	Α	Α
HYDROGEN SULPHIDE		Α	Α	В	Α		Α	Α	Α	Α	
J											
JP-4		Α			С			С	Α	С	Α
JP-5					С			С	Α	С	Α
JP-6					С			С	Α	С	Α
К											
KEROSENE		В	Α	Α	С	С		С	Α	В	Α
L											
LACTIC ACID	С	В	Α	Α	Α	Α	В	Α	Α	Α	Α
LINSEED OIL		В	Α	В	Α			В	Α	Α	Α
М											
MAGNESIUM CHLORIDE SOLUTION	В	В	Α	С	Α	Α	Α	Α	Α	Α	Α
MAGNESIUM HYDROXIDE SOLUTION		В	Α		Α			Α	Α	Α	Α
MERCURIC CHLORIDE SOLUTION		В		В	Α	Α	C	Α	Α	Α	Α
MERCURY	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
METHANOL	С	Α	Α	С	Α	Α	Α	Α	Α	Α	В
METHYL ALCOHOL	С	Α	Α	С	Α	Α	Α	Α	Α	Α	В
METHYLENE CHLORIDE	С	С	Α	С	С		В	В	Α	С	В
METHYLENE KETONE (MEK)	С	Α	Α	С	С		Α	Α	Α	С	С
MINERAL OIL	С	Α	Α	В	Α	Α	Α	С	Α	Α	Α
MOBIL XRM 206A		В							Α		Α
N											
NAPHTHALENE	С	В	Α	С	С	С		С	Α	С	Α
NAPTHA	С	Α	Α	С	С	С		С	Α	С	Α
NITRIC ACID (10%)		В	Α	С	В	В	С	В	Α	Α	Α
NITRIC ACID (30%)		С	Α	С	С	В	С	В	Α	Α	Α
NITRIC ACID (60%)		С	С	С	С	С	С	С	Α	В	Α
NITRIC ACID (70%)		С	С	С	С	С	С	С	Α	С	Α
NITRIC ACID (fuming)		С		С	С	С	С	С	Α	С	В
NITROBENZENE	С	С	Α	С	С	С		Α	Α	С	В
0											
ISO-OCTANE	С	Α	Α	В	Α	С		С	Α	Α	
OLEIC ACID		Α	Α		В			В	Α	В	В
OLEUM (20-25%)	С	С	С	С	С	С	С	С	Α	В	Α
P				_	_						
PALMITIC ACID		Α	A	В	В	_		В	A	В	Α
PERCHLOROETHYLENE	С	С	Α	С	С	В		С	Α	С	Α
PHENOL PHOSPHORIC ACID (2007)	C	С	A	С	С	С	С	В	Α	C	Α
PHOSPHORIC ACID (60%)	A	_	Α	С	Α	_	С	Α	Α	A	Α
PHOSPHORIC ACID (70%)	A	C	Α	С	Α	С	C	Α	Α	A	Α .
PHOSPHORIC ACID (95%)	В		Α	С	Α	С		Α	Α	A	Α
PHOSPHORIC ACID (85%) PICKLING SOLUTION 17% NITRIC ACID 4%	В	С	Α	С	C	С	С	A C	A	A	A
PICKLING SOLUTION 20% NITRIC ACID 4%		С			С			С	A	A	A
HYDROFLUORIC ACID PICRINIC ACID		В	Α	В	A	С		В	A	A	A
I IOTALIO AOID			_ ^		_ ^				_ ~	A	

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POTASSIUM DICHROMATE SOLUTION	Α	В	Α	С	Α	С		Α	Α	Α	
POTASSIUM HYDROXIDE SOLUTION (dilute)		A	Α		A			A	Α	Α	
ISO-PROPYL ALCOHOL	С	A	Α	С	A	Α	Α	В	Α	Α	Α
ISO-PROPYL ETHER			В	C	С			C	Α	В	С
PYDRAUL 312C		Α	_	c	С			c	A	С	A
PYRIDINE	С	C	Α	C	C	С	Α	В	A	С	C
Q	Ť	Ť		Ť	Ť	Ť		<u> </u>			Ť
QFI-2023 (Silicone brake fluid)		В				Α			Α		Α
QUICK SILVER (mercury)	Α	A	Α	Α	A	A	Α	Α	A	Α	A
R								<u> </u>			
RICINOL (Ricinus oil)		В	Α		Α	Α		В	Α	Α	Α
S		<u> </u>						<u> </u>			
SAE OIL No.10		Α			С			С	Α	С	Α
SEA WATER	Α	A	Α		A		Α	A	A	A	A
SHELL TURBINE OIL 307		В			В			C	A	В	В
SILICONE GREASE		A	Α	Α	A	С		A	A	A	A
SKYDROL 500		A	- / .	C	C	В		A	A	С	С
SKULUBE 450		_^		Ť	Ť				A		С
SOAP SOLUTION	Α	Α	Α	Α	Α	Α	Α	Α	A	Α	A
SODIUM CHLORYDE SOLUTION		A	A	C	A	A	A	A	A	A	A
SODIUM DICHROMATE (20%)	С	В	A		В	,		A	A	A	A
SODIUM HYDROXIDE (20%)		A	Α		A	В		A	Α	Α	Α
SODIUM HYDROXIDE (46.5%)		В	Α		A	В		Α	Α	Α	Α
SODIUM HYDROXIDE (50%)		_	Α		A	В		A	Α	Α	С
SODIUM HYDROXIDE (73%)		Α	Α		A	В		Α	Α	Α	С
SODIUM HYPOCHLORITE (5%)	Α	Α	В	С	A	В		A	Α	Α	A
SODIUM HYPOCHLORITE (20%)	В	В	В	С	В	В		Α	Α	Α	В
SODIUM PEROXIDE SOLUTION		A	С		A	С		Α	Α	Α	A
SOYA BEAN OIL	С	В	Α		Α	Α		С	Α	Α	Α
STANNIC CHLORIDE	Α			С	В				Α	В	Α
STANNIC CHLORIDE (15%)	Α	В		С	Α			В	Α	Α	Α
STEAM		В		С	Α	С		Α	Α	Α	В
STEARIC ACID	Α	В	Α	A	В	A		В	Α	В	
STYRENE	С	С	Α	С	С	С	Α	С	Α	С	Α
SULPHUR (molten)	Α	В	Α	В	Α	Α		Α	Α	Α	Α
SULPHUR DIOXIDE GAS	Α	В	Α	С	Α	Α		Α	Α	Α	
SULPHUR DIOXIDE LIQUID	Α	В	Α	С	Α			Α	Α	Α	
SULPHUR TRIOXIDE		С	С	С	С	В		В	Α	С	
SULPHURIC ACID (<5%)	Α	Α	Α	С	Α	Α	С	Α	Α	Α	Α
SULPHURIC ACID (5-10%)	Α	В	Α	С	Α	Α	С	Α	Α	Α	Α
SULPHURIC ACID (10-50%)	В	С	Α	С	Α		С	В	Α	Α	Α
SULPHURIC ACID (50-80%)	С	С	Α	С	В		С	С	Α	Α	Α
SULPHURIC ACID (90%)	С	С	С	С	С		С	С	Α	Α	Α
SULPHURIC ACID (95%)	С	С	С	С	С		С	С	Α	Α	Α
SULPHURIC ACID (fuming, 20% Oleum)	С	С	С	С	С	С	С	С	Α	В	Α
SULPHUROUS ACID		В		С	С			С	Α	Α	С
SUNOCO XS-820 (EP Grease)		В						С	Α		Α
т											
TANNIC ACID		Α	Α	Α	Α	В		Α	Α	Α	Α
Thursday Alone											



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TETRAHYDROFURAN	С		Α	С	С	С	Α	С	Α	С	С
TOLUENE	С	В	Α	С	С	С	Α	С	Α	С	В
TRIBUTYLPHOSPHATE			Α		С			С	Α	С	С
TRICHLOROETHYLENE	С	С	С	С	С	В	В	С	Α	C	Α
TRICRESYLPHOSPHATE			Α	В	С	С		Α	Α	C	Α
TRIETHANOLAMINE	С	С	Α	С	Α			Α	Α	Α	С
TRISODIUM PHOSPHATE SOLUTION		Α		В	Α	Α		Α	Α	Α	Α
TUNG OIL		В			Α			С	Α	Α	Α
TURPENTINE	С		Α	С	С	С		С	Α	С	Α
V											
VARNISH		В			С			С	Α	С	С
W											
WATER	Α	Α	Α	С	Α	Α	Α	Α	Α	Α	Α
Х											
XYLENE	С	Α	Α	С	С	С	Α	С	Α	С	Α
Z											
ZINC	Α	Α	Α	С	Α		В	Α	Α	Α	Α

