

CORROSION STRENGTH VALUES

1 = EXCELLENT • 2 = GOOD
3 = NOT TOO GOOD • 4 = RISKY
— = NO INFORMATION AVAILABLE

B = BOILING • C = HOT
Ta = ROOM TEMPERATURE

COMPOUND	CONCENTRATION	TEMPERATURE °C	ALUMINUM C3011007 - J1-08	ALUMINUM C3011007 - J1-08	CARBON STEEL A15121002B	CAST IRON	BRASS
A							
Acetaldehyde		Ta	1	1	3	3	—
Acetylene		+20	1	1	1	1	4
Acetic Acid	10%	+20	1	1	4	4	2
Acetic Acid	10%	B	2	4	4	4	4
Acetic Acid	20-80%	+20	1	2	4	4	4
Acetic Acid	80%	B	2	2	4	4	4
Acetic Acid (vapours)	30%	C	3	3	4	4	4
Acetic Anhydride		B	2	2	3	3	3
Acetic Ester	Concentrated	+20	1	1	2	2	—
Acetic Solvents		Ta	1	1	1	2	—
Acetone		B	1	1	2	2	1
Acido Cresillico		+20	1	1	2	2	2
Acido Iodofluorossilico		Ta	3	3	4	4	2
Acrylonitrile		Ta	1	1	1	1	—
Alcool Diacetone		Ta	1	1	1	1	—
Alum	10%	B	2	2	4	4	2
Alum	saturated	B	3	2	4	4	—
Aluminium Chloride	25%	+20	4	3	4	4	4
Aluminium Chloride	25%	+20	4	3	4	4	—
Aluminium Chloride	25%	B	4	4	4	4	—
Aluminium Chloride	5%	+20	4	3	4	4	—
Aluminium Sulfate		+20	2	2	4	4	—
Aluminium Sulfate		B	3	2	4	4	—
Aluminium Sulphate		Ta	2	1	3	3	3
Ammine		+20	1	1	1	1	—
Ammonia	concentrated	+20	1	1	2	2	1
Ammonia	acqueosa	Ta	1	1	1	1	4
Ammonia	gaseous	C	4	4	3	3	—
Ammonium Bicarbonate		Ta	2	2	3	3	—
Ammonium Carbonate		+20	2	2	2	2	—
Ammonium Carbonate		Ta	2	2	2	2	—
Ammonium Chloride	10%	+20	2	2	3	3	4
Ammonium Chloride	10%	+20	2	2	3	3	—
Ammonium Chloride	10%	B	3	2	4	4	—
Ammonium Disulphate		+20	1	1	3	3	—
Ammonium Hydroxide	Concentrated	C	1	1	2	2	—
Ammonium Hydroxide		Ta	1	1	2	2	—
Ammonium Hydroxide		C	1	1	2	2	4
Ammonium Monophosphate		+20	1	1	4	4	—
Ammonium Monophosphate		+20	1	1	4	4	—
Ammonium Nitrate		+20	2	2	2	2	—
Ammonium Nitrate	Saturated	B	2	2	3	3	—
Ammonium Nitrate		+20	2	2	2	2	4
Ammonium Persulphate	5%	+20	2	2	4	4	—
Ammonium Phosphate		Ta	2	2	4	4	—
Ammonium Sulphate	5%	+20	3	2	3	3	—
Ammonium Sulphate	10%	B	4	3	4	4	—
Ammonium Sulphate	Saturated	B	4	3	4	4	—
Ammonium Sulphate		+20	3	2	3	3	4
Ammonium Trisulphate		+20	2	1	2	2	—
Amyl Acetate	concentrated	+20	2	2	2	2	—
Amyl Acetate		Ta	2	2	3	3	2
Amyl Alcohol	concentrated	+20	1	1	4	4	1
Aniline	3%	+20	1	1	2	2	3
Aniline	Concentrated	+20	2	2	2	2	3
Aniline (dyes)		Ta	1	1	3	3	3
Animal Oil		Ta	1	1	1	1	—
Antimony Trichloride		+20	4	4	4	4	—
Antimony Trichloride		Ta	4	4	4	4	—
Apple Juice		Ta	2	2	4	4	4
Asphalt		Ta	1	1	2	2	1
B							
Barium Chloride	Saturated	+20	3	2	3	3	3
Barium Chloride	Water sol.	C	4	3	4	4	3
Barium Carbonate		Ta	2	2	2	2	1
Barium Chloride	5%	+20	2	2	3	3	4
Barium Hydroxide		Ta	2	2	3	3	2
Barium Sulphate	Saturated	+20	3	2	2	2	1

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COMPOUND	CONCENTRATION	TEMPERATURE °C	ALUMINUM C3011007 - J1-08	ALUMINUM C3011007 - J1-08	CARBON STEEL A15121002B	CAST IRON	BRASS
C							
Barium Sulphate		+20	2	2	2	2	2
Barium Sulphite		Ta	2	2	3	3	1
Benzaldehyde		Ta	1	1	1	1	—
Benzic Acid		+20	2	2	2	2	2
Benzol		C	2	2	2	2	1
Borax		+20	1	1	2	2	1
Boric Acid	5%	C	2	2	4	4	2
Brine		Ta	2	2	3	3	2
Bromine		+20	4	4	4	4	4
Butadiene		Ta	1	1	1	1	1
Butane		Ta	1	1	1	1	1
Butyric Acid	5%	+70	2	2	3	3	4
Butyl Alcohol		Ta	1	1	2	2	1
Butylene		Ta	1	1	1	1	—
Butyl Acetate		+20	2	2	1	1	—
C							
Calcium Bisulphite		+20	3	2	4	4	2
Calcium Bisulphite		+20	3	2	4	4	2
Calcium Carbonate		+20	2	2	2	2	1
Calcium Carbonate		+20	2	2	2	2	1
Calcium Chloride		+20	3	2	3	3	4
Calcium Chloride	Diluted	+20	3	2	3	3	4
Calcium Chloride	Concentrated	+20	4	3	3	3	4
Calcium Chloride	Concentrated	B	4	4	4	4	4
Calcium Hydroxide	5%	+20	2	2	2	2	2
Calcium Hydroxide	10%	B	2	2	4	4	2
Calcium Hydroxide	50%	B	4	2	4	4	2
Calcium Hypochlorite	2%	+20	3	3	4	4	4
Calcium Hydroxide		Ta	1	1	1	1	—
Calcium Hydroxide		+20	2	2	2	2	2
Calcium Hypochlorite		+20	3	3	4	4	4
Calcium Sulphate		Ta	2	2	3	3	1
Calcium Sulphate	Saturated	+20	2	2	2	2	—
Carbolic Acid		B	2	2	3	3	—
Carbonic Acid	saturated	+20	2	2	4	4	—
Carbon Dioxide		Ta	1	1	1	1	1
Carbon Disulphide		+20	2	2	2	2	2
Carbon Disulphide		Ta	2	2	2	2	4
Carbon Monoxide		B	1	1	1	1	—
Carbon Tetrachloride		+20	2	2	2	2	3
Carbon Tetrachloride		B	3	3	4	4	3
Carbon Tetrachloride	Dry	Ta	1	1	2	2	3
Carbon Tetrachloride	Wet	Ta	2	2	4	4	4
Caustic Soda	5%	+20	2	2	2	2	—
Caustic Soda	20%	B	1	1	2	2	—
Caustic Soda	50%	B	2	2	3	3	—
Caustic Soda	75%	B	3	3	4	4	—
Chlorinated Solvents	Dry	Ta	2	2	3	3	—
Chloroacetic Acid		+20	4	4	4	4	4
Chlorobenzene	Concentrated	+20	1	1	1	1	—
Chloroform		+20	1	1	1	1	1
Chlorous Acid		+20	4	4	4	4	4
Chlorosulfonic Acid	10%	+20	3	2	4	4	3
Chlorosulfonic Acid	concentrated	+20	2	2	4	4	3
Chromic Acid	5%	+20	2	2	2	2	4
Chromic Acid	50% com.	B	4	4	4	4	4
Citric Acid	5%	+20	1	1	4	4	3
Citric Acid	15%	B	2	2	4	4	3
Citric Acid	concentrated	B	4	2	4	4	3
Colophony		Ta	1	1	4	4	—
Coke-oven Gas		Ta	1	1	2	2	—
Copper Acetate		Ta	1	1	4	4	—
Copper Acetate	Saturated	+20	2	2	4	4	—
Copper Chloride	19%	+20	3	2	3	2	4
Copper Chloride	1%	+20	3	2	4	4	—
Copper Chloride	5%	B	4	4	4	4	—
Copper Nitrate	5%	+20	1	1	4	4	3
Copper Nitrate	5%	220	1	1	4	4	—
Copper Nitrate	50%	C	2	2	4	4	—

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Copper Sulphate	Saturated	+20	2	2	4	4	1	
Copper Sulphate		B	2	2	4	4	4	
Copper Sulphate		+20	2	2	4	4	4	
Creosote		C	2	2	2	2	—	
Creosote Oil		Ta	2	2	2	2	1	
Cyclohexane		Ta	1	1	1	1	—	
D								
Dichloroethane		B	2	2	4	4	—	
Diethylamine		Ta	1	1	1	1	—	
Diethyl Ether		+20	1	1	1	2	—	
Distilled water		Ta	1	1	3	3	1	
E								
Epsom Salt		Ta	2	2	3	3	—	
Ethane		Ta	2	2	2	2	1	
Ethyl Acrylate		Ta	1	1	3	3	—	
Ethyl Alcohol		B	2	2	2	2	1	
Ethyl Acetate		Ta	2	2	2	2	1	
Ethyl Chloride	Dry	+20	1	1	1	1	—	
Ethyl Chloride		+20	1	1	1	1	2	
Ethylene Glycol		+20	1	1	1	1	2	
Ethylene Oxide		Ta	2	2	2	2	1	
F								
Fatty Acids		B	2	2	3	3	4	
Ferric Chloride	1%	+20	4	3	4	4	4	
Ferric Chloride	5%	+20	4	4	4	4	4	
Ferric Nitrate		Ta	3	3	4	4	4	
Ferric Nitrate	5%	+20	2	2	4	4	4	
Ferric Sulphate		+20	2	1	4	4	4	
Ferric Sulphate	5%	B	2	2	4	4	4	
Ferrous Chloride		Ta	4	4	4	4	4	
Ferrous Sulphate	Saturated	+20	2	2	4	4	4	
Ferrous Sulphate		+20	2	2	4	4	4	
Fertilizers		Ta	2	2	2	2	—	
Fish Oil		Ta	1	1	2	2	—	
Fluorine	Dry	+20	2	2	4	4	—	
Formaldehyde		Cold	1	1	1	2	3	
Formaldehyde		Hot	3	3	4	4	3	
Formic Acid	5-50%	+20	2	2	4	4	4	
Formic Acid		B	4	4	4	4	4	
Formic Acid		100%	+20	3	3	4	4	4
Formic Acid		100%	B	4	4	4	4	4
Freon	Dry	Ta	1	1	1	1	1	
Freon		Wet	Ta	3	3	3	3	1
Fuel Oil		Ta	1	1	2	2	1	
Furfuraldehyde		+20	2	2	2	2	1	
G								
Galic Acid	5%	+70	2	2	4	4	—	
Gas Chlorate	Dry	+20	4	3	2	2	—	
Gas Chlorate		+100	4	4	4	4	—	
Gaseous Methyl Chloride		+20	2	2	4	4	—	
Gelatine		Ta	1	1	4	4	2	
Glue		Ta	2	2	1	1	—	
Glucose		Ta	2	2	2	2	1	
Glycerol		+20	1	1	1	1	1	
Glycols		Ta	2	2	2	2	—	
H								
Heptane		Ta	1	1	2	2	—	
Hexane		Ta	2	2	2	2	—	
Hexanol		Ta	1	1	1	1	—	
Hydraulic Oil		Ta	1	1	1	1	—	
Hydroiodic Acid (iodalric)	diluted	+20	4	4	4	4	—	
Hydrocarbons		+20	1	1	1	1	1	
Hydrobromic Acid		+20	4	4	4	4	—	
Hydrocyanic Acid		+20	2	2	3	3	—	
Hydrochloric Acid	1%	+20	4	3	4	4	4	

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Hydrochloric Acid	1%	B	4	4	4	4	4	
Hydrochloric Acid	5%	+20	4	4	4	4	4	
Hydrochloric Acid		+20	4	4	4	4	4	
Hydrofluoric Acid	concentrated	+20	4	4	4	4	4	
Hydrofluoric Acid		dry	+20	3	3	3	3	4
Hydrofluoric Acid		wet	+20	4	4	4	4	4
Hydrofluoric Acid		+20	4	4	4	4	4	
Hydrogen Gas	Cold	Ta	1	1	2	2	—	
Hydrogen dioxide		+20	1	1	4	4	4	
Hydrogen dioxide		B	2	2	4	4	4	
I								
Illuminating Gas		Ta	1	1	1	1	—	
Ink		Ta	1	1	4	4	—	
Iodine	Dry	+20	4	3	4	4	—	
Iodine		Wet	+20	4	4	4	—	
Iodoform		+20	1	1	4	4	—	
Isocetane		Ta	1	1	1	1	—	
Isopropyl Ether		Ta	1	1	1	2	—	
Isopropyl Alcohol		Ta	2	2	2	2	—	
J								
Juices		B	2	1	4	4	4	
K								
Ketone		Ta	1	1	1	1	—	
Kerosene		Ta	1	1	2	2	—	
L								
Lactic Acid	1%	B	2	2	4	4	3	
Lactic Acid	5%	+70	2	2	4	4	3	
Lactic Acid	5%	B	4	2	4	4	3	
Lactic Acid	5-10%	+20	2	1	4	4	3	
Lactic Acid	10%	+70	3	2	4	4	3	
Lactic Acid	10%	B	4	3	4	4	3	
Lactic Acid	concentrated	B	4	4	4	4	3	
Latex		+20	1	1	4	4	—	
Latex Emulsions		Ta	1	1	2	2	—	
Lead Acetate		+20	2	2	4	4	—	
Lead Acetate		Ta	2	2	4	4	—	
Lemon Juice		Ta	2	2	4	4	4	
Linoleic Acid		Ta	1	1	2	2	—	
Linseed Oil		Ta	2	2	1	1	2	
Liquefied Gas (LPG)		Ta	2	2	2	2	—	
Lithium		+150	1	1	2	2	—	
Lubricating Oil		Ta	1	1	1	1	—	
Lye		B	2	2	4	4	4	
Lysol		+20	3	3	4	4	—	
M								
Magnesium Chloride	5%	+20	2	2	4	4	4	
Magnesium Chloride	5%	C	4	4	4	4	4	
Magnesium Chloride	10-30%	+20	3	2	4	4	4	
Magnesium Chloride	Saturated	+20	3	2	4	4	4	
Magnesium Chloride		5%	+20	2	2	4	4	4
Magnesium Disulphate		Ta	1	1	2	2	—	
Magnesium Hydroxide		C	1	1	2	2	2	
Magnesium Oxide		+20	2	2	2	2	—	
Magnesium Sulphate		+20	2	2	2	2	3	
Magnesium Sulphate		+20	2	2	2	2	3	
Maleic Acid		Ta	2	2	2	2	—	
Malic Acid		C	2	2	4	4	—	
Mercury		+150	3	3	2	2	4	
Mercury		+500	4	4	4	4	4	
Mercury Bichloride	2%	+20	4	4	4	4	4	
Mercury Cyanide		+20	2	2	4	4	4	
Mercury Cyanide		+20	2	2	4	4	—	
Mercuric Chloride		Ta	4	3	4	4	—	
Methane		Ta	2	2	2	2	1	
Methyl Acetate		Ta	1	1	2	2	—	

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COMPOUND	CONCENTRATION	TEMPERATURE °C	ALUMINUM 2024-T3	ALUMINUM 5052-H32	CARBON STEEL A106/1095/1010	CAST IRON	BRASS
Methyl Alcohol		B	3	2	2	2	1
Methylacetone		Ta	1	1	2	2	—
Methylamine		Ta	1	1	2	2	—
Methyl Chloride	+20	2	2	4	4	4	2
Methylene Chloride	Ta	1	1	2	2	2	2
Methyl Formate	Ta	2	2	3	3	3	—
Milk	+20	1	1	4	4	4	2
Mineral Naphtha	+20	2	2	2	2	2	2
Mineral Oil	Ta	1	1	2	2	2	1
Mineral water	Ta	2	2	3	3	3	2
Mixed Acid-turpentine	+20	4	4	4	4	4	4
Muriatic Acid	+20	4	3	4	4	4	4
N							
Naphthalene		Ta	2	2	1	1	—
Natural Gas		Ta	1	1	2	2	1
Neon	+20	2	2	2	2	2	—
Nickel Chloride	+20	3	2	4	4	4	3
Nickel Chloride	+20	3	2	4	4	4	3
Nickel Sulphate	C	3	2	4	4	4	3
Nickel Sulphate	C	3	2	4	4	4	3
Nickel Nitrate	Ta	2	2	4	4	4	—
Nicotinic Acid		Ta	1	1	2	2	—
Nitric Acid	5-50%	+20	1	1	4	4	4
Nitric Acid	10-50%	B	2	3	4	4	4
Nitric Acid	85%	+20	2	2	2	2	4
Nitric Acid	85%	C	2	3	4	4	4
Nitric Acid	concentrated	+20	2	2	2	2	4
Nitric Acid	concentrated	B	3	3	4	4	4
Nitric Acid	anhydrous	Ta	1	1	1	1	4
Nitrobenzene		Ta	2	2	2	2	—
Nitrogen		Ta	1	1	1	1	1
Nitrous Acid	5%	+20	2	2	4	4	—
Nitrous Gases		Ta	1	1	2	2	—
Nitrous Oxide		Ta	2	2	2	2	—
O							
Oil		Ta	1	1	2	2	2
Oleic Acid	crude	+20	2	2	3	3	—
Oleum		Ta	2	2	2	2	—
Olive Oil		Ta	1	1	2	2	3
Oxalic Acid	5%	C	3	3	4	4	—
Oxalic Acid	10%	+20	2	2	3	3	—
Oxalic Acid		B	4	4	4	4	—
Oxalic Acid	saturated	+20	2	2	3	3	—
Oxalic Acid	saturated	B	4	4	4	4	—
Oxygen	Cold	1	1	2	2	1	—
Oxygen		+250	2	2	2	2	—
Ozone	Dry	Ta	1	1	3	3	—
Ozone	Wet	Ta	1	1	1	1	—
P							
Paint Varnish		Ta	1	1	3	3	—
Palm Oil		Ta	2	2	3	3	—
Palmitic Acid	+20	2	2	3	3	3	3
Paraformaldehyde		Ta	2	2	2	2	—
Paraffin wax		Ta	1	1	1	1	1
Pentane		Ta	1	1	2	2	—
Perchloroethylene		Ta	1	1	2	2	3
Peroxide		Ta	2	2	4	4	4
Petrol		Ta	1	1	1	1	1
Petrol (Crude)	+20	1	1	3	3	1	—
Phenol		B	2	2	3	3	—
Phosphoric Acid	C.P1%	+20	2	2	4	4	4
Phosphoric Acid	5%	+20	2	2	4	4	4
Phosphoric Acid	10%	+20	3	2	4	4	4
Phosphoric Acid	20-45%	B	4	3	4	4	4
Phosphoric Acid	45-85%	+20	4	2	4	4	4
Phosphoric Acid	85%	B	4	4	4	4	4
Phthalic Acid		Ta	2	2	3	3	—

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Phthalic Anhydride		2	2	3	3	3	—
Picric Acid	water sol.	+20	2	2	3	3	4
Potassium Bichromate		+20	2	2	3	3	—
Potassium Bisulphite		Ta	2	2	4	4	—
Potassium Bromide		+20	3	2	4	4	—
Potassium Bromide		+20	3	2	4	4	—
Potassium Carbonate	1%	+20	2	2	2	2	3
Potassium Carbonate	1%	+20	2	2	2	2	—
Potassium Chlorate		+20	2	2	2	2	—
Potassium Chlorate	1-5%	+20	3	2	4	4	3
Potassium Chlorate		+20	2	2	2	2	4
Potassium Chloride	1-5%	+20	3	2	4	4	4
Potassium Chloride	1-5%	B	4	4	4	4	4
Potassium Cyanide		+20	2	2	2	2	4
Potassium Cyanide		+20	2	2	2	2	4
Potassium Dichromate		+20	2	2	3	3	4
Potassium Diphosphate		Ta	1	1	1	1	—
Potassium Disulphite	Saturated	+20	2	2	3	3	2
Potassium Ferricyanide		Ta	2	2	3	3	4
Potassium Ferricyanide	5%	+20	2	2	3	3	4
Potassium Hydroxide	5%	+20	2	2	2	2	4
Potassium Hypochlorite		+20	4	3	4	4	—
Potassium Iodide	2%	Ta	2	2	3	3	—
Potassium Nitrate	1-5%	+20	2	2	2	2	2
Potassium Nitrate	1-5%	C	2	2	2	2	—
Potassium Permanganate		+20	1	1	1	1	—
Potassium Permanganate		+20	1	1	1	1	—
Potassium Sulphate	1-5%	+20	2	2	2	2	2
Potassium Sulphate	Saturated	+20	2	2	3	3	—
Potassium Sulphate		+20	2	2	2	2	2
Potassium Sulphite		Ta	1	1	2	1	2
Propane		Ta	2	2	2	2	1
Propanol		Ta	1	1	2	2	—
Propylene Glycol		Ta	2	2	2	2	—
Propionic Acid		+20	2	2	4	4	—
Prussic Acid		+20	2	2	3	3	—
Pyrogalllic Acid		+20	2	2	2	2	—
Pyroligneous Acid		+20	1	1	4	4	—
Q							
Quinine Bisulphate	Dry	+20	2	2	4	4	—
R							
Resins		Ta	1	1	3	3	—
S							
Salt Ammoniac		+20	2	2	3	3	—
Salicylic Acid		+20	2	2	4	4	—
Sea water		+20	2	2	4	4	3
Shellac		Ta	1	1	1	1	—
Silver Bromide		+20	3	2	4	4	—
Silver Chloride		+20	4	4	4	4	—
Silver Nitrate		+20	2	2	4	4	—
Silver Nitrate		+20	2	2	4	4	4
Sludge		Ta	1	1	2	2	—
Soap		+20	2	2	2	2	2
Sodium Acetate	Wet	+20	2	2	3	3	—
Sodium Acetate		Ta	2	2	3	3	—
Sodium Bicarbonate		+20	2	2	3	3	3
Sodium Bicarbonate		+20	2	2	3	3	3
Sodium Bisulphite		Ta	1	1	4	4	2
Sodium Borate		Ta	2	2	3	3	—
Sodium Bromide		Ta	2	2	3	4	—
Sodium Carbonate	5%	+70	2	2	2	2	—
Sodium Carbonate		+20	2	2	2	2	4
Sodium Chlorate	10%	+20	2	2	3	3	—
Sodium Chlorate	20%	+20	2	2	3	3	—
Sodium Chloride	Saturated	B	3	2	4	4	—
Sodium Chloride		+20	2	2	3	3	4
Sodium Chloride	5%	+20	2	2	3	3	3

CORROSION STRENGTH VALUES

1 = EXCELLENT • 2 = GOOD 3 = NOT TOO GOOD • 4 = RISKY -- = NO INFORMATION AVAILABLE							
COMPOUND	CONCENTRATION	TEMPERATURE °C	AISI 316		AISI 304		B-1515
			RESIST	CEM. 14001-14100	RESIST	CEM. 14001-14100	
B = BOILING • C = HOT Ta = ROOM TEMPERATURE							
Sodium Cyanide		+20	2	2	2	2	4
Sodium Cyanide		+20	2	2	2	2	—
Sodium Disulphate		+20	2	2	4	4	2
Sodium Disulphate		+20	2	2	4	4	—
Sodium Disulphite		+20	2	2	2	2	2
Sodium Disulphite		C	2	2	3	3	2
Sodium Fluoride		Ta	2	2	4	4	—
Sodium Fluoride	5%	+20	2	2	4	4	—
Sodium Hydroxide		+20	1	1	1	1	—
Sodium Hypochlorite		Ta	3	3	4	4	4
Sodium Hypochlorite		+20	2	2	4	4	4
Sodium Hypochlorate	5%	+20	4	3	4	4	4
Sodium Hyposulphite		+20	2	2	4	4	4
Sodium Metaphosphate		Ta	1	1	2	2	4
Sodium Metasilicate		C	1	1	3	3	—
Sodium Metasilicate		C	1	1	4	4	—
Sodium Nitrate		+20	1	1	2	2	—
Sodium Nitrate		Ta	2	2	2	2	3
Sodium Perborate		Ta	2	2	2	2	—
Sodium Peroxide		Ta	2	2	3	3	4
Sodium Phosphate		Ta	2	2	3	3	—
Sodium Silicate		Ta	2	2	2	2	2
Sodium Silicate		C	2	2	3	3	2
Sodium Silicate		Ta	2	2	2	2	—
Sodium Sulphate	Saturated	+20	3	2	2	2	2
Sodium Sulphate		+20	3	2	2	2	2
Sodium Sulphite	10%	+65	3	2	2	2	2
Sodium Sulphite	10%	B	3	2	4	4	2
Sodium Sulphide	Saturated	+20	2	2	2	2	2
Sodium Trisulphate	20%	+20	2	2	4	4	—
Sodium Thiosulphate		Ta	1	1	2	2	—
Soft water		Ta	1	1	3	3	4
Solvent		Ta	1	1	2	2	1
Spilt Vinegar		+20	1	1	4	4	—
Starch		Ta	2	2	3	3	—
Stannic Chloride	5%	+20	4	3	4	4	—
Stannic Chloride	5%	B	4	4	4	4	—
Stannic Chloride	5%	+20	4	3	4	4	—
Stannous Chloride	Saturated	+20	4	3	4	4	—
Stearic Acid		+20	2	1	3	3	3
Strontium Nitrate		+20	1	1	4	4	—
Styrene		Ta	1	1	1	1	—
Suds (Stearate)		Ta	1	1	1	2	—
Sugary Juices in general		+70	2	2	4	4	4
S Sulphur	Dry and liquefied	+230	2	2	2	2	4
S Sulphur	Wet and liquefied	+230	3	2	4	4	4
Sulphuric Anhydride	Dry	Ta	1	1	2	2	2
Sulphidric Acid	dry	+20	1	1	1	1	—
Sulphidric Acid	wet	+20	3	2	3	3	—
Sulphuric Acid	5%	+20	3	2	4	4	4
Sulphuric Acid	5%	B	4	3	4	4	4
Sulphuric Acid	10%	+20	4	3	4	4	4
Sulphuric Acid	10%	B	4	4	4	4	4
Sulphuric Acid	50%	+20	4	4	4	4	4
Sulphuric Acid	50%	B	4	4	4	4	4
Sulphuric Acid	concentrated	+20	2	2	2	2	4
Sulphuric Acid	concentrated	B	4	4	4	4	4
Sulphuric Acid	fuming	+20	3	2	3	3	4
Sulphur Chloride		Ta	3	2	4	4	—
Sulphur Dioxide	Dry	+250	2	2	2	2	1
Sulphur Dioxide	Dry	+230	2	2	2	2	4
Sulphur Dioxide	Wet	+20	3	2	4	4	4
Sulphurous Acid	saturated	+20	4	2	4	4	3
Syngas		Ta	2	2	2	2	—
T							
Tannic Acid		+20	2	2	4	4	2
Tar		Ta	1	1	1	1	2
Tartaric Acid	10%	+20	1	1	4	4	3
Tartaric Acid	10%	C	3	2	4	4	3

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COMPOUND	CONCENTRATION	TEMPERATURE °C	AISI 316		AISI 304		B-1515
			RESIST	CEM. 14001-14100	RESIST	CEM. 14001-14100	
B = BOILING • C = HOT Ta = ROOM TEMPERATURE							
Tetraethyl Lead		Ta	2	2	3	3	—
Titanium Tetrachloride	Wet	+20	4	4	4	4	—
Tomato Juice		Ta	1	1	3	3	4
Toluene		Ta	1	1	1	1	1
Tributyl Phosphate		Ta	1	1	1	1	—
Trichloroethylene	Dry	Ta	2	2	2	3	1
Trichloroacetic Acid		+20	4	4	4	4	3
Tung Oil		Ta	2	2	3	3	—
Turpentine		+20	1	1	1	1	2
U							
Urea		Ta	2	2	3	3	—
Uric Acid	concentrated	+20	2	2	4	4	—
V							
Varnish		+20	1	1	3	3	1
Varnish		C	2	2	4	4	1
Vaseline		Ta	2	2	3	3	—
Vinegar (vapors)		Ta	2	2	4	4	—
Viscose		Ta	2	2	2	2	—
W							
Waste water		+20	2	2	3	3	—
Wax		Ta	1	1	1	1	—
Wax Emulsions		Ta	1	1	1	1	—
X							
Xylene	Dry	Ta	1	1	2	2	—
Z							
Zinc Chloride	5%	+20	3	2	4	4	—
Zinc Chloride	5%	B	4	3	4	4	—
Zinc Chloride	5%	+20	3	2	4	3	4
Zinc Hydrosulphite		Ta	1	1	1	1	—
Zinc Sulphate	5%	+20	2	1	2	2	2
Zinc Sulphate	25%	B	3	2	4	4	2
Zinc Sulphate		Ta	2	2	4	4	4

CORROSION STRENGTH VALUES

1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY — = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NBR	VIT ON	PT FE	1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY — = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NBR	VIT ON	PT FE
A						B					
Acetaldehyde	2	—	4	4	1	Barium Carbonate	—	1	—	—	1
Acetal	—	—	—	—	1	Barium Chloride	1	1	2	2	1
Acetamide	—	1	2	2	1	Barium Hydroxide	—	1	2	2	1
Acetate Solvent	—	—	4	4	1	Barium Nitrate	—	1	2	2	1
Acetlene	1	1	2	2	1	Barium Sulphate	—	1	2	2	1
Acetic Acid 10-20%	4	1	1	1	1	Barium Sulphide	—	—	2	2	1
Acetic Acid 50%	4	—	1	1	1	Beer	—	—	2	2	1
Acetic Acid 80%	4	1	2	2	1	Benzaldehyde	—	—	4	4	1
Acetic Anhydride	4	—	4	4	1	Benzene, Benzol	—	—	4	4	1
Acetylene Chloride	—	—	4	1	1	Benzoic Acid	—	1	4	2	1
Acetoacetato di Etille	—	—	4	4	1	Benzyl Alcohol	—	—	4	1	1
Acetofenone	—	—	4	4	1	Benzyl Chloride	—	—	4	—	1
Acetone	1	1	4	4	1	Black Liquor	—	—	1	2	1
Acetone 50% water	—	—	4	—	1	Borax	1	1	2	2	1
Acetonitrile	—	—	—	—	1	Boric Acid	1	1	2	2	1
Acid Chloric 20%	—	—	4	4	1	Brine	—	2	1	—	1
Acid Lalsleico	—	—	2	2	1	Bromine Water	—	—	4	1	1
Acido Cresilico	4	—	4	1	1	Butyl Acetate	—	—	—	—	1
Acrylonitrile	—	—	4	4	1	Butyl Alcohol	1	1	4	1	1
Adipic Acid	—	—	4	—	1	Butyric Acid	1	4	4	—	1
Air	—	1	1	1	1	Butyl Chloride	—	—	—	—	1
Alumed Chrome	—	1	2	2	1	Butyl Phenol	—	—	—	—	1
Alumed Potassium	—	1	2	2	1	Butyl Phthalate	—	—	4	—	1
Alumed Potassium Sulphate	—	1	—	—	1	Butter	—	—	1	—	1
Alumina	—	1	1	2	1	Butadiene	1	—	1	1	1
Aluminium Chloride	1	1	2	2	1	Butane	1	1	4	1	1
Aluminium Fluoride	—	1	2	2	1	Butylene	1	—	4	2	1
Aluminium Hydroxide	1	1	2	2	1	C					
Aluminium Nitrate	—	1	2	2	1	Calcium Bisulphite	1	1	2	2	1
Aluminium Sulphate	1	1	2	2	1	Calcium Bicarbonate	—	—	—	—	1
Alum (All. Potassium Sulphate)	1	—	1	1	1	Calcium Carbonate	1	1	2	2	1
Amyl Alcohol	1	1	—	—	1	Calcium Chlorate	—	—	2	2	1
Amyl Acetate	1	4	4	4	1	Calcium Chloride	1	1	2	2	1
Ammonium Acetate	—	1	4	—	1	Calcium Disulphate	—	—	—	—	1
Ammonia (Anhydrous)	—	1	2	4	1	Calcium Fluoride	—	—	—	—	1
Ammonia (Gas)	—	—	2	4	1	Calcium Hydroxide	1	1	2	2	1
Ammonium Chloride	3	1	2	2	1	Calcium Hypochlorite	1	1	4	2	1
Ammonium Sulphate	1	1	2	4	1	Calcium Nitrate	—	1	2	2	1
Ammonium Sulphite 50°C	—	—	1	—	1	Calcium Oxide 20-C	—	—	—	—	1
Ammonium Sulphide	—	1	2	4	1	Calcium Sulphate	1	1	—	—	1
Ammonium Hydroxide	—	1	2	2	1	Cane Sugar Liquor	—	1	2	2	1
Ammonium Fluoride 25%	—	1	—	—	1	Carbolic Acid (Phenol)	—	—	4	4	1
Ammonium Phosphate	—	1	2	2	1	Carbonic Acid	4	1	2	2	1
Ammonium Metaphosphate	—	—	2	2	1	Carbon Bisulphide	—	—	4	2	1
Ammonium Nitrate	1	1	2	4	1	Carbon Dioxide	—	—	1	—	1
Ammonium Oxalate	—	1	—	—	1	Carbon Monoxide	—	1	2	2	1
Ammonium Bicarbonate	3	1	—	—	1	Castor Oil	1	1	2	2	1
Ammonium Bifluoride	—	1	—	—	1	Caustic Soda	—	1	3	—	1
Ammonium Carbonate	3	1	2	2	1	Cellulose Acetate	—	1	4	4	1
Amyl Chloride 77°C	—	—	4	1	—	Cellosolve	—	1	4	4	1
Anhydrous Formic Acid	4	—	4	2	1	Cement	—	1	2	—	1
Aniline	1	4	4	1	1	Cereal Syrup (Glucose)	—	—	2	2	1
Aqua Regia	—	—	4	1	1	Chloroacetic Acid	—	—	4	4	1
Arsenic Acid	—	1	2	2	1	Chloroform	1	4	4	2	1
Artificial Gas	—	—	2	—	1	Chlorosulfonic Acid	—	—	—	—	1
Asphalt	1	—	4	1	1	Chlorine Dioxide	—	—	4	—	—
						Chlorine Water	—	—	4	1	1

CORROSION STRENGTH VALUES

1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY — = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NR	VIT ON	PT FE	1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY — = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NR	VIT ON	PT FE
Chlorine Water	—	—	4	—	1	Ethyl Glycol	—	1	1	1	1
Chlorobenzene	1	4	4	2	1	Ethylene Bromide	—	—	4	—	1
Chromic Acid	4	—	2	1	1	Ethylene Chloride	—	—	4	1	1
Chromic Anhydride	—	—	2	1	1	Ethylene Diamine	—	—	1	1	1
Chrome Potassium Sulphate	—	—	2	—	1	Ethylene Glycol	—	1	2	1	1
Citric Acid	—	1	2	2	1	Ethylene Oxide	—	—	4	4	1
Coconut Oil	1	—	2	1	1	Epichlorohydrin	—	—	4	4	1
Coffee	—	1	4	1	1	F					
Coke-oven Gas	—	1	4	2	1	Fats	—	4	1	—	1
Copper Acetate	—	—	—	4	1	Fatty Acids	—	—	2	2	1
Copper Chloride	1	1	2	2	1	Ferric Chloride	1	1	2	2	1
Copper Nitrate	1	—	2	2	1	Ferric Nitrate 10-50%	—	1	2	2	1
Copper Sulphate	1	1	2	2	1	Ferric Sulphate	1	1	2	2	1
Corn Oil	1	—	4	—	1	Ferrous Chloride	1	1	2	—	1
Cotton seeds Oil	—	—	2	1	1	Ferrous Sulphate	1	1	2	2	1
Creosote	—	4	3	1	1	Fluorinated Hydrogen	—	—	2	2	1
Cresol	—	—	4	4	1	Fluorine Gas	—	—	4	4	1
Cromil Chloride	—	—	—	—	1	Fluorosilicic Acid	—	1	3	—	—
Crotonaldehyde	—	—	—	—	1	Formaldehyde 35-50%	1	1	4	4	1
Crude Oil	—	—	2	1	1	Formic Acid 10-85%	4	1	4	2	1
Cyanoacetic Acid	—	—	—	—	1	Freon F 11-12	—	—	2	2	—
Cyanogen Gas	—	1	—	—	1	Freon F 22	—	—	4	4	—
Cyclohexane	—	4	2	2	1	Fuel Oil	1	4	2	1	1
D						Fuel for aircrafts (JP4 or JP5)	—	4	2	1	1
Demlneralized Water	—	1	2	2	1	Furfural	—	—	4	4	1
Detergents	—	1	2	2	1	Furfuraldehyde	1	—	4	4	1
Dextrine	—	—	4	4	1	G					
Dextrose	—	—	2	2	1	Galllic Acid	1	1	—	2	1
Diacetone	—	1	4	4	1	Galvanizing Solution	—	1	2	2	1
Diacetone Alcohol	—	—	4	—	1	Gaseous Bromine	2	4	4	—	1
Dibutylphthalate	—	—	—	2	1	Gaseous Oxygen	1	—	4	2	1
Dichloroethane	—	—	4	1	1	Gas Oil	—	—	2	2	1
Dichlorobenzene max 40°C	—	—	—	2	1	Gelatine	1	—	2	2	1
Dichloroethane	—	—	4	2	1	Glucose	1	—	2	2	1
Dichloroethylene	—	—	4	2	1	Glue	—	1	3	—	1
Diethyl Ether	—	—	4	4	1	Glycerol	3	—	2	1	1
Diethyl Ether 40°C	—	—	2	4	1	Glycols 60°C	—	—	1	1	1
Diethylcellosolve	—	—	—	—	1	Glycolic Acid	—	1	—	—	1
Diethylamine max 40°C	—	—	4	—	1	Green Liquor	—	1	2	—	1
Dimethyl	—	—	—	4	1	H					
Dimethylphthalate	—	—	4	1	1	Helium	—	2	2	—	1
Dimethyl Ether	—	—	—	—	1	Heptane	—	1	2	1	1
Dioxan	—	4	4	4	1	Hexane	—	4	2	1	1
Diphenyl (Dowtherms)	—	—	4	1	1	Hexanol	—	—	2	1	1
Disodium Phosphate 20°C	—	—	4	2	1	Hydraulic Fluid	—	—	2	1	1
Distilled Water	1	1	2	2	1	Hydrobromic Acid	—	—	4	2	1
Dry Sulphur Dioxide	4	—	4	4	1	Hydrocyanic Acid	—	1	2	2	1
Drilling Sludge	—	4	1	—	1	Hydrochloric Acid max 50%	—	1	—	2	1
Drilling Sludge	—	4	1	—	1	Hydrofluoric Acid max 70%	—	—	4	1	—
Dry Sulphurized Hydrogen	—	1	—	4	1	Hydrofluoric Acid 100%	—	—	4	—	—
Dry Sulphurized Hydrogen	—	1	—	4	1	Hydrogen Dioxide	1	1	4	1	1
Dyes	—	4	4	—	1	Hydrogen Chloride	—	—	—	—	1
Dyes	—	4	4	—	1	Hydrogen	—	1	2	2	1
E						Hydrogen Sulphide	—	—	4	4	1
Ethyl Acetate	1	4	4	4	1	Hydroquinone	—	1	4	2	1
Ethyl Acrylate	—	1	2	2	1	I					
Ethyl Alcohol	1	1	3	1	1	Ink	—	1	—	—	—
Ethyl Chloride	1	—	2	2	1	Industrial oils	—	—	—	—	1

CORROSION STRENGTH VALUES

1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY -- = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NB R	VI TON	PT FE	1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY -- = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NB R	VI TON	PT FE
Iodoform	1	--	4	1	1	N					
Isobutyl-Methyl-Ketone	--	--	4	4	1	Naphthalene	1	--	4	2	1
Isooctane	1	4	1	1	1	Natural Gas	1	1	2	2	1
Isopropyl Alcohol	1	1	3	2	1	Nickel Ammonium Sulphate	--	--	--	--	1
Isopropyl Ether	--	--	4	4	1	Nickel Chloride	1	1	2	--	1
J						Nickel Nitrate	1	--	2	2	1
Juices	1	2	2	--	1	Nickel Salt	--	--	2	--	1
K						Nickel Sulphate	1	1	2	2	1
Kerosene	--	--	2	1	1	Nicotine	--	--	--	--	1
L						Nicotinic Acid	--	1	--	--	1
Lactic Acid	4	--	4	2	1	Nitric Acid	4	4	4	2	1
Lard Oil	--	--	1	1	1	Nitrobenzene 25°C	--	2	4	4	1
Lead Acetate	1	--	4	4	1	Nitrobenzene over 25°C	--	--	4	4	1
Lead Chloride max 20°C	--	--	--	2	1	Nitrogen	1	1	2	--	1
Lead Sulphate	--	--	3	--	1	Nitromethane	--	--	4	--	1
Leaded Petrol	1	--	2	2	1	Nitrous Oxide 40°C	--	--	4	3	1
Lemon Oil	--	2	3	--	1	O					
Lime	--	1	4	--	1	Oleum	4	--	4	1	1
Lime Sulphur	--	1	4	2	1	Oleic Acid	1	--	1	4	1
Linseed Oil	1	--	2	1	1	Oil Vegetal	--	1	2	2	1
Liquid Chlorine	--	--	4	2	1	Olive Oil	--	2	1	1	1
Liquid Soap	--	1	2	--	1	Oxalic Acid	3	1	1	2	1
Lithium Bromine	--	1	2	2	1	Oxygen	1	1	3	2	1
Lubricating Oil	--	--	2	2	1	Ozone	--	--	4	2	1
M						P					
Maleic Acid	1	1	4	2	1	Paint Solvents	--	4	4	4	1
Malic Acid	1	--	2	2	1	Palmitic Acid	1	--	2	2	1
Manganese Chloride max 20°C	--	--	2	2	1	Paraffin wax	1	--	2	--	1
Magnesium Carbonate	--	--	2	--	1	Perchloric Acid	--	--	4	2	1
Magnesium Chloride	1	1	2	2	1	Perchloroethylene	--	4	4	1	1
Magnesium Hydroxide	1	1	2	2	1	Persulfato di Ammonio	--	1	2	--	1
Magnesium Nitrate	--	1	2	--	1	Petrol Oils (acid or refined oils)	--	--	2	2	1
Magnesium Oxide	--	2	2	--	1	Petrolatum (Vaseline)	--	--	--	--	1
Machine Oil	--	--	--	--	1	Phenyl Chloride (Chlorobenzene)	--	--	4	1	1
Magnesium Sulphate	1	1	2	--	1	Phenylhydrazine	--	--	4	2	1
Methane	1	1	2	1	1	Phenol (Carbolic Acid)	4	--	4	1	--
Methanol	--	1	2	4	1	Phosphate 50°C	--	--	--	--	1
Methyl Acetate	--	3	4	4	1	Phosphoric Acid 10%	4	--	4	2	1
Methyl Alcohol	1	1	2	4	1	Phosphoric Acid 25/50%	4	--	4	2	1
Methyl Bromine	--	--	--	2	1	Phosphoric Acid 50/80%	4	1	4	2	1
Methyl Chloride	--	--	4	2	1	Phosphorus Oxichloride	--	--	--	--	1
Methyl Methacrylate	--	--	2	2	1	Phosphorous Pentoxide 20°C	--	--	--	--	1
Methylene Chloride	--	4	4	4	1	Phosphorous Pentoxide	--	--	4	4	1
Methylacetone	--	2	4	4	1	Phthalic Acid	1	--	4	--	1
Methylcellosolve	--	--	3	4	1	Phthalic Anhydride	--	--	4	2	1
Methyl-Ethyl-Ketone	--	--	4	4	1	Picric Acid	--	1	3	2	1
Mercury	1	--	2	2	1	Pickling solution	--	4	--	--	1
Mercuric Chloride	--	1	2	2	1	Polyvinyl Acetate	--	1	--	--	1
Mercuric Nitrate	--	1	--	--	1	Potassium Bicarbonate	--	--	2	2	1
Milk	1	--	2	2	1	Potassium Bichromate (30%)	--	--	4	4	1
Mineral Oil	1	--	2	2	1	Potassium Bromide	1	1	2	2	1
Mineral Water	1	1	2	--	1	Potassium Carbonate 50%	1	--	2	2	1
Mineral Naphtha (Combustible Oil)	1	4	2	1	1	Potassium Chlorate	--	1	2	2	1
Mixed Acids (~T max 32°C)	--	1	1	1	1	Potassium Chloride	1	1	2	2	1
Molasses	--	1	2	2	1	Potassium Chromate 30%	--	1	--	--	1
Monochlorobenzene 20°C	--	--	4	1	1	Potassium Cyanide 30%	1	1	2	2	1
Motor Oil	--	--	2	2	1	Potassium Ferricyanide 30%	--	--	2	2	1
n Butyl Mercaptan	--	--	--	--	1	Potassium Fluoride	--	--	2	2	1

CORROSION STRENGTH VALUES

1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY — = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NB R	VI TON	PT FE	1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = RISKY — = NO INFORMATION AVAILABLE	DEL RIN	EP DM	NB R	VI TON	PT FE
Potassium Hydroxide	—	—	2	2	1	Stannic Chloride	—	1	2	2	1
Potassium Hydroxide 5-30%	—	1	4	—	1	Stannous Chloride	—	1	2	2	1
Potassium Hydroxide 50-90%	—	1	2	4	1	Starch	—	2	2	—	1
Potassium Hypochlorite 30-C	—	—	4	2	1	Steam 130° C	4	1	4	4	1
Potassium Hypochlorite 90-C	—	—	4	—	1	Stearic Acid	1	—	2	—	1
Potassium Iodide 70%	1	1	—	—	1	Suds	—	1	2	—	1
Potassium Nitrate 80%	—	1	2	2	1	Sugarbeet Liquor	—	—	—	2	1
Potassium Nitrate 1-5%	—	1	2	2	1	Sulphuric Acid 10-50%	3	1	3	1	1
Potassium Oxalate 20%	—	—	—	—	1	Sulphuric Acid 60-70%	3	1	4	1	1
Potassium Permanganate	—	1	4	3	1	Sulphuric Acid 80-100%	4	—	4	1	1
Potassium Phosphate	—	—	1	1	1	Sulphurous Acid	3	—	4	2	1
Potassium Sulphate 10%	1	1	2	2	1	Sulphamic Acid	—	1	—	—	1
Potassium Sulphite	—	2	3	—	1	Sulphur 20°C	—	—	4	4	1
Potassium Sulphite	—	—	—	4	1	Sulphur Chloride	—	—	4	2	1
Propane	1	1	2	1	1	Swimming pool Water	—	1	2	—	1
Propanol	—	—	2	2	1	T					
Propylene Oxide	—	—	4	—	1	Tannic Acid	1	—	4	3	1
Propylene Glycol	—	—	2	2	1	Tar	1	4	4	2	1
Pyridine	—	—	4	4	1	Tartaric Acid	1	—	2	2	1
Pyrogalllic Acid	1	—	3	3	1	Tetraphosphoric Acid	—	—	—	—	1
R						Tetrahydrofuran	—	—	4	4	1
Resins	—	—	—	2	1	Tetraethyl Lead	—	—	4	2	1
S						Thionyl Chloride	—	—	4	4	1
Salicylic Acid	1	—	4	2	1	Toluene	1	4	4	2	1
Salt Water	—	1	2	2	1	Tomato Juice	—	—	2	2	1
Sea Water	1	1	2	2	1	Trichloroacetic Acid	—	—	4	2	1
Sewage	—	2	2	2	1	Trisodium Phosphate	—	—	2	2	1
Sewage	—	—	2	2	1	Tributyl Phosphate 30°C	—	—	4	4	1
Silver Nitrate	1	1	2	2	1	Trichloroethylene	—	—	4	1	1
Silicone Oil	—	—	2	2	1	Transformer Oil	—	—	2	2	1
Sodium Acetate	1	1	—	4	1	Turpentine	1	4	2	2	1
Sodium Bicarbonate	1	1	2	2	1	U					
Sodium Bichromate	—	—	—	2	1	Unleaded Petrol	1	—	2	2	1
Sodium Bisulphite	1	1	2	2	1	Urea	—	—	4	1	1
Sodium Borate	1	—	2	2	1	V					
Sodium Bromide	—	—	1	1	1	Various Esters	—	—	—	—	1
Sodium Carbonate	1	—	2	2	1	Various Ethers 40°C	—	—	2	4	1
Sodium Chlorate	—	1	2	2	1	Various Soaps	—	—	2	2	1
Sodium Chlorite	—	—	—	—	1	Various Ketones	—	—	4	4	1
Sodium Chloride	1	1	2	2	1	Vaseline	—	—	3	3	1
Sodium Disulphate	—	—	2	2	1	Vegetable Oil	—	—	2	1	1
Sodium Fluoride	—	1	—	—	—	Vinyl Acetate	—	—	4	2	1
Sodium Hydroxide (Caustic Soda)	—	1	3	—	1	W					
Sodium Hypochlorite	1	1	4	2	1	Wet Chlorine Gas	—	1	4	2	1
Sodium Hypochlorite	—	1	2	2	1	Wet Sulphurized Hydrogen	—	1	4	1	1
Sodium Metaphosphate	—	—	2	2	1	Wet Sulphur Dioxide	1	1	2	4	1
Sodium Nitrate	1	1	3	4	1	White Liquor	—	1	4	2	1
Sodium Nitrite	—	—	—	—	1	Wine	—	—	2	2	1
Sodium Perborate 10%	1	—	2	2	1	X					
Sodium Peroxide 10%	—	1	2	2	1	Xylene, Xylol	—	—	4	2	1
Sodium Phosphate	—	—	2	2	1	Z					
Sodium Silicate	1	1	2	2	1	Zinc Chloride	1	1	2	2	1
Sodium Sulphate	1	1	2	2	1	Zinc Nitrate	—	—	—	2	1
Sodium Sulphite 10%	—	1	2	2	1	Zinc Sulphate 30%	—	1	2	2	1
Sodium Sulphide 50%	1	1	2	2	1						
Sodium Thiosulphate	1	1	2	2	1						
Soft Water	1	1	1	—	1						
Spirit Vinegar	4	—	4	2	1						