CORROSION STRENGTH VALUES
KORROSIONSBESTÄNDIGKEITSWERTE

This table has to be considered as a simple guide line. The customer is responsible for the choice of the materials, which are suitable for the working conditions
Diese Tabelle muss als eine einfache Richtlinie betrachtet werden. Der Kunden ist für die Auswahl der Materialien, die für die Arbeitsbedingungen geeignet sind, verantwortlich

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MEDIA / MEDIEN	CONCENTRATION PROZENT	TENPERATURE °C TEMPERATUR °C	AISI 304 18/8 CF8 1.4301	AISI 316 18/8/2 CF8M 1.4401-1.4408	CARBON STEEL AC. AL CARBONIO A105/A216WCB	GG25 GGG40	CW617N CW602N
A							
Acetaldehyde		Ta	1	1	3	3	—
Acetilene		+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 Cresilico		+20	1	1	2	2	2
Acido Idrofluorosilicico		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 (Fluoride)	5%	+20	4	3	4	4	—
Aluminium Sulfate		+20	2	2	4	4	—
Aluminium Sulfate		B	3	2	4	4	—
Aluminum Sulphate		Ta	2	1	3	3	3
Ammines		+20	1	1	1	1	—
Ammonia	concentrated	+20	1	1	2	2	1
Ammonia	acquarosa	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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MEDIA / MEDIEN	CONCENTRATION PROZENT	TENPERATURE °C TEMPERATUR °C	AISI 304 18/8 CF8 1.4301	AISI 316 18/8/2 CF8M 1.4401-1.4408	CARBON STEEL AC. AL CARBONIO A105/A216WCB	GG25 GGG40	CW617N CW602N
Barium Sulphate		+20	2	2	2	2	2
Barium Sulphite		Ta	2	2	3	3	1
Benzaldehyde		Ta	1	1	1	1	—
Benzoic 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 Disulphite		Ta	2	2	2	4	1
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		+20	2	2	4	4	—
Copper Sulphate	Saturated	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	10%	+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	10-50%	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							
Gallic Acid	5%	+70	2	2	4	4	—
Gas Chlorate	Dry	+20	4	3	2	2	—
Gas Chlorate	Wet	+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	—
Hydriodic Acid (iodidrico)	diluted	+20	4	4	4	4	—
Hydrocarbons		+20	1	1	1	1	1
Hydrobromic Acid		+20	4	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	4	—
Iodoform		+20	1	1	4	4	—
Isooctane		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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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	2
Methylene Chloride		Ta	1	1	2	2	2
Methyl Formate		Ta	2	2	3	3	—
Milk		+20	1	1	4	4	2
Mineral Naphtha		+20	2	2	2	2	2
Mineral Oil		Ta	1	1	2	2	1
Mineral water		Ta	2	2	3	3	2
Mixed Acid-turpentine		+20	4	4	4	4	4
Muriatic Acid		+20	4	3	4	4	4
N							
Naphthalene		Ta	2	2	1	1	—
Natural Gas (Biogas)		Ta	1	1	3	3	1
Neon		+20	2	2	2	2	—
Nickel Chloride		+20	3	2	4	4	3
Nickel Chloride		+20	3	2	4	4	3
Nickel Sulphate		C	3	2	4	4	3
Nickel Sulphate		C	3	2	4	4	3
Nickel Nitrate		Ta	2	2	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
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.P.1%	+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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Phtalic Anhydride			2	2	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 Chloride	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	—
Pyrogailic 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							
Sal 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 Chloride	20%	+20	2	2	3	3	—
Sodium Chloride	Saturated	B	3	2	4	4	—
Sodium Chlorate		+20	2	2	3	3	4
Sodium Chloride	5%	+20	2	2	3	3	3

CORROSION STRENGTH VALUES
KORROSIONSBESTÄNDIGKEITSWERTE

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1 = EXCELLENT • 2 = GOOD
3 = SECOND-RATE • 4 = UNADVISABLE
— = NO INFORMATION AVAILABLE

B = BOILING • C = HOT
Ta = ROOM TEMPERATURE

MEDIA / MEDIEN	CONCENTRATION PROZENT	TENPERATURE °C TEMPERATUR °C	AISI 304 18/8 CF8 1.4301	AISI 316 18/8/2 CF8M 1.4401-1.4408	CARBON STEEL AC. AL CARBONIO A105/A216WCB	GG25 GGG40	CW617N CW602N
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	Cold		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
Spirit Vinegar		+20	1	1	4	4	—
Starci		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

1 = SEHR GUT • 2 = GUT
3 = NICHT VORGESCHLAGEN • 4 = SCHLECHT
— = FEHLENDE INFORMATIONEN

B = SEHR HEISS • C = HEISS
Ta = UMGEBUNGSTEMPERATUR

MEDIA / MEDIEN	CONCENTRATION PROZENT	TENPERATURE °C TEMPERATUR °C	AISI 304 18/8 CF8 1.4301	AISI 316 18/8/2 CF8M 1.4401-1.4408	CARBON STEEL AC. AL CARBONIO A105/A216WCB	GG25 GGG40	CW617N CW602N
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

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CORROSION STRENGTH VALUES
KORROSIONSBESTÄNDIGKEITSWERTE

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Diese Tabelle muss als eine einfache Richtlinie betrachtet werden. Der Kunden ist für die Auswahl der Materialien, die für die Arbeitsbedingungen geeignet sind, verantwortlich

1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = UNADVISABLE — = NO INFORMATION AVAILABLE	DELRIN	EPDM	EPDM PEROX	NBR	HNBR	VITON	PTFE
A							
Acetaldehyde	2	—		4	4		1
Acetal	—	—		—	—		1
Acetammide	—	1		2	2		1
Acetate Solvent	—	—		4	4		1
Acetilene	1	1		2	2		1
Acetic Acid 10-20%	4	1		1	1		1
Acetic Acid 50%	4	—		1	1		1
Acetic Acid 80%	4	1		2	2		1
Acetic Anhydride	4	—		4	4		1
Acetylene Chloride	—	—		4	1		1
Acetoacetato di Etile	—	—		4	4		1
Acetofenone	—	—		4	4		1
Acetone	1	1		4	4		1
Acetone 50% water	—	—		4	—		1
Acetonitrile	—	—		—	—		1
Acid Chloric 20%	—	—		4	4		1
Acid Laisileico	—	—		2	2		1
Acido Cresilico	4	—		4	1		1
Acrylonitrile	—	—		4	4		1
Adipic Acid	—	—		4	—		1
Dry air	—	1		2	2		1
Alumed Chrome	—	1		2	2		1
Alumed Potassium	—	1		2	2		1
Alumed Potassium Sulphate	—	1		—	—		1
Alumina	—	1		1	2		1
Aluminium Chloride	1	1		2	2		1
Aluminium Fluoride	—	1		2	2		1
Aluminium Hydroxide	1	1		2	2		1
Aluminium Nitrate	—	1		2	2		1
Aluminium Sulphate	1	1		2	2		1
Alum (All. Potassium Sulphate)	1	—		1	1		1
Amyl Alcohol	1	1		—	—		1
Amyl Acetate	1	4		4	4		1
Ammonium Acetate	—	1		4	—		1
Ammonia (Anhydrous)	—	1		2	4		1
Ammonia (Gas)	—	—		2	4		1
Ammonium Chloride	3	1		2	2		1
Ammonium Sulphate	1	1		2	4		1
Ammonium Sulphite 50°C	—	—		1	—		1
Ammonium Sulphide	—	1		2	4		1
Ammonium Hydroxide	—	1		2	2		1
Ammonium Fluoride 25%	—	1		—	—		1
Ammonium Phosphate	—	1		2	2		1
Ammonium Metaphosphate	—	—		2	2		1
Ammonium Nitrate	1	1		2	4		1
Ammonium Oxalate	—	1		—	—		1
Ammonium Bicarbonate	3	1		—	—		1
Ammonium Bifluoride	—	1		—	—		1
Ammonium Carbonate	3	1		2	2		1
Amyl Chloride 77°C	—	—		4	1		—
Anhydrous Formic Acid	4	—		4	2		1
Aniline	1	4		4	1		1
Aqua Regia	—	—		4	1		1
Arsenic Acid	—	1		2	2		1
Artficial Gas	—	—		2	—		1
Asphalt	1	—		4	1		1
Air lubricated	1	4		1	1		1

1 = SEHR GUT 2 = GUT 3 = NICHT VORGESCHLAGEN 4 = SCHLECHT — = FEHLENDE INFORMATIONEN	DELRIN	EPDM	EPDM PEROX	NBR	HNBR	VITON	PTFE
B							
Barium Carbonate	—	1		—	—		1
Barium Chloride	1	1		2	2		1
Barium Hydroxide	—	1		2	2		1
Barium Nitrate	—	1		2	2		1
Barium Sulphate	—	1		2	2		1
Barium Sulphide	—	—		2	2		1
Beer	—	—		2	2		1
Benzaldehyde	—	—		4	4		1
Benzene, Benzol	—	—		4	1		1
Benzoic Acid	—	1		4	2		1
Benzyl Alcohol	—	—		4	1		1
Benzyl Chloride	—	—		4	—		1
Black Liquor	—	—		1	2		1
Borax	1	1		2	2		1
Boric Acid	1	1		2	2		1
Brine	—	2		1	—		1
Bromine Water	—	—		4	1		1
Butyl Acetate	—	—		—	—		1
Butyl Alcohol	1	1		4	1		1
Butyric Acid	1	4		4	—		1
Butyl Chloride	—	—		—	—		1
Butyl Phenol	—	—		—	—		1
Butyl Phthalate	—	—		4	—		1
Butter	—	—		1	—		1
Butadiene	1	—		1	1		1
Butane	1	1		4	1		1
Butylene	1	—		4	2		1
C							
Calcium Bisulphite	1	1		2	2		1
Calcium Bicarbonate	—	—		—	—		1
Calcium Carbonate	1	1		1	2		1
Calcium Chlorate	—	—		2	2		1
Calcium Chloride	1	1		2	2		1
Calcium Disulphate	—	—		—	—		1
Calcium Fluoride	—	—		—	—		1
Calcium Hydroxide	1	1		2	2		1
Calcium Hypochlorite	1	1		4	2		1
Calcium Nitrate	—	1		2	2		1
Calcium Oxide 20°C	—	—		—	—		1
Calcium Sulphate	1	1		—	—		1
Cane Sugar Liquor	—	1		2	2		1
Carbolic Acid (Phenol)	—	—		4	4		1
Carbonic Acid	4	1		2	2		1
Carbon Bisulphide	—	—		4	2		1
Carbon Dioxide	—	—		1	—		1
Carbon Monoxide	—	1		2	2		1
Castor Oil	1	1		2	2		1
Caustic Soda	—	1		3	—		1
Cellulose Acetate	—	1		4	4		1
Cellosolve	—	1		4	4		1
Cement	—	1		2	—		1
Cereal Syrup (Glucose)	—	—		2	2		1
Chloroacetic Acid	—	—		4	4		1
Chloroform	1	4		4	2		1
Chlorosulfonic Acid	—	—		—	—		1
Chlorine Dioxide	—	—		4	—		—
Chlorine Water	—	—		4	1		1

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Chlorine Water	—	—		4	—	1	
Chlorobenzene	1	4		4	2	1	
Chromic Acid	4	—		2	1	1	
Chromic Anhydride	—	—		2	1	1	
Chrome Potassium Sulphate	—	—		2	—	1	
Citric Acid	—	1		2	2	1	
Coconut Oil	1	—		2	1	1	
Coffee	—	1		4	1	1	
Coke-oven Gas	—	1		4	2	1	
Copper Acetate	—	—		—	4	1	
Copper Chloride	1	1		2	2	1	
Copper Nitrate	1	—		2	2	1	
Copper Sulphate	1	1		2	2	1	
Corn Oil	1	—		4	—	1	
Cotton seeds Oil	—	—		2	1	1	
Creosote	—	4		3	1	1	
Cresol	—	—		4	4	1	
Cromil Chloride	—	—		—	—	1	
Crotonaldehyde	—	—		—	—	1	
Crude Oil	—	—		2	1	1	
Cyanoacetic Acid	—	—		—	—	1	
Cyanogen Gas	—	1		—	—	1	
Cyclohexane	—	4		2	2	1	
D							
Demineralized Water	—	1		2	2	1	
Detergents	—	1		2	2	1	
Dextrine	—	—		4	4	1	
Dextrose	—	—		2	2	1	
Diacetone	—	1		4	4	1	
Diacetone Alcohol	—	—		4	—	1	
Dibutylphthalate	—	—		—	2	1	
Dichloroethane	—	—		4	1	1	
Dichlorobenzene max 40°C	—	—		—	2	1	
Dichloroethane	—	—		4	2	1	
Dichloroethylene	—	—		4	2	1	
Diethyl Ether	—	—		4	4	1	
Diethyl Ether 40°C	—	—		2	4	1	
Diethylcellosolve	—	—		—	—	1	
Diethylamine max 40°C	—	—		4	—	1	
Dimethyl	—	—		—	4	1	
Dimethylphthalate	—	—		4	1	1	
Dimethyl Ether	—	—		—	—	1	
Dioxan	—	4		4	4	1	
Diphenyl (Dowtherms)	—	—		4	1	1	
Disodium Phosphate 20°C	—	—		4	2	1	
Distilled Water	1	1		2	2	1	
Dry Sulphur Dioxide	4	—		4	4	1	
Drilling Sludge	—	4		1	—	1	
Drilling Sludge	—	4		1	—	1	
Dry Sulphurized Hydrogen	—	1		—	4	1	
Dry Sulphurized Hydrogen	—	1		—	4	1	
Dyes	—	4		4	—	1	
Dyes	—	4		4	—	1	
E							
Ethyl Acetate	1	4		4	4	1	
Ethyl Acrylate	—	1		2	2	1	
Ethyl Alcohol	1	1		3	1	1	
Ethyl Chloride	1	—		2	2	1	

1 = SEHR GUT 2 = GUT 3 = NICHT VORGESCHLAGEN 4 = SCHLECHT — = FEHLENDE INFORMATIONEN	DELRIN	EPDM	EPDM PEROX	NBR	HNBR	VITON	PTFE
Ethyl Glycol	—	1		1	1	1	
Ethylene Bromide	—	—		4	—	1	
Ethylene Chloride	—	—		4	1	1	
Ethylene Diamine	—	—		1	1	1	
Ethylene Glycol	—	1		2	1	1	
Ethylene Oxide	—	—		4	4	1	
Epichlorohydrin	—	—		4	4	1	
F							
Fats	—	4		1	—	1	
Fatty Acids	—	—		2	2	1	
Ferric Chloride	1	1		2	2	1	
Ferric Nitrate 10-50%	—	1		2	2	1	
Ferric Sulphate	1	1		2	2	1	
Ferrous Chloride	1	1		2	—	1	
Ferrous Sulphate	1	1		2	2	1	
Fluorinated Hydrogen	—	—		2	2	1	
Fluorine Gas	—	—		4	4	1	
Fluorosilicic Acid	—	1		3	—	—	
Formaldehyde 35-50%	1	1		4	4	1	
Formic Acid 10-85%	4	1		4	2	1	
Freon F 11-12	—	—		2	2	—	
Freon F 22	—	—		4	4	—	
Fuel Oil	1	4		2	1	1	
Fuel for aircrafts (JP4 or JP5)	—	4		2	1	1	
Furfural	—	—		4	4	1	
Furfuraldehyde	1	—		4	4	1	
G							
Gallic Acid	1	1		—	2	1	
Galvanizing Solution	—	1		2	2	1	
Gaseous Bromine	2	4		4	—	1	
Gaseous Oxygen	1	—		4	2	1	
Gas Oil	—	—		2	2	1	
Gelatine	1	—		2	2	1	
Glucose	1	—		2	2	1	
Glue	—	1		3	—	1	
Glycerol	3	—		2	1	1	
Glycols 60°C	—	—		1	1	1	
Glycolic Acid	—	1		—	—	1	
Green Liquor	—	1		2	—	1	
H							
Helium	—	2		2	—	1	
Heptane	—	1		2	1	1	
Hexane	—	4		2	1	1	
Hexanol	—	—		2	1	1	
Hydraulic Fluid	—	—		2	1	1	
Hydrobromic Acid	—	—		4	2	1	
Hydrocyanic Acid	—	1		2	2	1	
Hydrochloric Acid max 50%	—	1		—	2	1	
Hydrofluoric Acid max 70%	—	—		4	1	—	
Hydrofluoric Acid 100%	—	—		4	—	—	
Hydrogen Dioxide	1	1		4	1	1	
Hydrogen Chloride	—	—		—	—	1	
Hydrogen	—	1		2	2	1	
Hydrogen Sulphide	—	—		4	4	1	
Hydroquinone	—	1		4	2	1	
I							
Ink	—	1		—	—		
Industrial oils	—	—		—	—	1	

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CORROSION STRENGTH VALUES
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Diese Tabelle muss als eine einfache Richtlinie betrachtet werden. Der Kunden ist für die Auswahl der Materialien, die für die Arbeitsbedingungen geeignet sind, verantwortlich

1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = UNADVISABLE — = NO INFORMATION AVAILABLE	DELRIN	EPDM	EPDM PEROX	NBR	HNBR	VITON	PTFE
Iodoform	1	—		4		1	1
Isobutyl-Methyl-Ketone	—	—		4		4	1
Isooctane	1	4		1		1	1
Isopropyl Alcohol	1	1		3		2	1
Isopropyl Ether	—	—		4		4	1
J							
Juices	1	2		2		—	1
K							
Kerose	—	—		2		1	1
L							
Lactic Acid	4	—		4		2	1
Lard Oil	—	—		1		1	1
Lead Acetate	1	—		4		4	1
Lead Chloride max 20°C	—	—		—		2	1
Lead Sulphate	—	—		3		—	1
Leaded Petrol	1	—		2		2	1
Lemon Oil	—	2		3		—	1
Lime	—	1		4		—	1
Lime Sulphur	—	1		4		2	1
Linseed Oil	1	—		2		1	1
Liquid Chlorine	—	—		4		2	1
Liquid Soap	—	1		2		—	1
Lithium Bromine	—	1		2		2	1
Lubricating Oil	—	—		2		2	1
M							
Maleic Acid	1	1		4		2	1
Malic Acid	1	—		2		2	1
Manganese Chloride max 20°C	—	—		2		2	1
Magnesium Carbonate	—	—		2		—	1
Magnesium Chloride	1	1		2		2	1
Magnesium Hydroxide	1	1		2		2	1
Magnesium Nitrate	—	1		2		—	1
Magnesium Oxide	—	2		2		—	1
Machine Oil	—	—		—		—	1
Magnesium Sulphate	1	1		2		—	1
Methane	1	1		2		1	1
Methanol	—	1		2		4	1
Methyl Acetate	—	3		4		4	1
Methyl Alcohol	1	1		2		4	1
Methyl Bromine	—	—		—		2	1
Methyl Chloride	—	—		4		2	1
Methyl Methacrylate	—	—		2		2	1
Methylene Chloride	—	4		4		4	1
Methylacetone	—	2		4		4	1
Methylcellosolve	—	—		3		4	1
Methyl-Ethyl-Ketone	—	—		4		4	1
Mercury	1	—		2		2	1
Mercuric Chloride	—	1		2		2	1
Mercuric Nitrate	—	1		—		—	1
Milk	1	—		2		2	1
Mineral Oil	1	—		2		2	1
Mineral Water	1	1		2		—	1
Mineral Naphtha (Combustible Oil)	1	4		2		1	1
Mixed Acids (°T max 32°C)	—	1		1		1	1
Molasses	—	1		2		2	1
Monoclorobenzene 20°C	—	—		4		1	1
Motor Oil	—	—		2		2	1
n Butyl Mercaptan	—	—		—		—	1

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N							
Naphthalene	1	—		4		2	1
Natural Gas	1	1		2		2	1
Nickel Ammonium Sulphate	—	—		—		—	1
Nickel Chloride	1	1		2		—	1
Nickel Nitrate	1	—		2		2	1
Nickel Salt	—	—		2		—	1
Nickel Sulphate	1	1		2		2	1
Nicotine	—	—		—		—	1
Nicotinic Acid	—	1		—		—	1
Nitric Acid	4	4		4		2	1
Nitrobenzene 25°C	—	2		4		4	1
Nitrobenzene over 25°C	—	—		4		4	1
Nitrogen	1	1		2		—	1
Nitromethane	—	—		4		—	1
Nitrous Oxide 40°C	—	—		4		3	1
O							
Oleum	4	—		4		1	1
Oleic Acid	1	—		1		4	1
Oli Vegetali	—	1		2		2	1
Olive Oil	—	2		1		1	1
Oxalic Acid	3	1		1		2	1
Oxygen	1	1		3		2	1
Ozone	—	—		4		2	1
P							
Paint Solvents	—	4		4		4	1
Palmitic Acid	1	—		2		2	1
Paraffin wax	1	—		2		—	1
Perchloric Acid	—	—		4		2	1
Perchloroethylene	—	4		4		1	1
Persolfato di Ammonio	—	1		2		—	1
Petrol Oils (acid or refined oils)	—	—		2		2	1
Petrolatum (Vaseline)	—	—		—		—	1
Phenyl Chloride (Chlorobenzene)	—	—		4		1	1
Phenylhydrazine	—	—		4		2	1
Phenol (Carbolic Acid)	4	—		4		1	—
Phosphate 50°C	—	—		—		—	1
Phosphoric Acid 10%	4	—		4		2	1
Phosphoric Acid 25/50%	4	—		4		2	1
Phosphoric Acid 50/80%	4	1		4		2	1
Phosphorus Oxychloride	—	—		—		—	1
Phosphorous Pentoxide 20°C	—	—		—		—	1
Phosphorous Pentoxide	—	—		4		4	1
Phthalic Acid	1	—		4		—	1
Phtalic Anhydride	—	—		4		2	1
Picric Acid	—	1		3		2	1
Pickling solution	—	4		—		—	1
Polyvinyl Acetate	—	1		—		—	1
Potassium Bicarbonate	—	—		2		2	1
Potassium Bichromate (30%)	—	—		4		4	1
Potassium Bromide	1	1		2		2	1
Potassium Carbonate 50%	1	—		2		2	1
Potassium Chlorate	—	1		2		2	1
Potassium Chloride	1	1		2		2	1
Potassium Chromate 30%	—	1		—		—	1
Potassium Cyanide 30%	1	1		2		2	1
Potassium Ferricyanide 30%	—	—		2		2	1
Potassium Fluoride	—	—		2		2	1

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1 = EXCELLENT 2 = GOOD 3 = INSUFFICIENT 4 = UNADVISABLE — = NO INFORMATION AVAILABLE	DELRIN	EPDM	EPDM PEROX	NBR	HNBR	VITON	PTFE
Potassium Hydroxide	—	—		2		2	1
Potassium Hydroxide 5-30%	—	1		4		—	1
Potassium Hydroxide 50-90%	—	1		2		4	1
Potassium Hypochlorite 30°C	—	—		4		2	1
Potassium Hypochlorite 90°C	—	—		4		—	1
Potassium Iodide 70%	1	1		—		—	1
Potassium Nitrate 80%	—	1		2		2	1
Potassium Nitrate 1-5%	—	1		2		2	1
Potassium Oxalate 20%	—	—		—		—	1
Potassium Permanganate	—	1		4		3	1
Potassium Phosphate	—	—		1		1	1
Potassium Sulphate 10%	1	1		2		2	1
Potassium Sulphite	—	2		3		—	1
Potassium Sulphite	—	—		—		4	1
Propane	1	1		2		1	1
Propanol	—	—		2		2	1
Propylene Oxide	—	—		4		—	1
Propylene Glycol	—	—		2		2	1
Pyridine	—	—		4		4	1
Pyrogallic Acid	1	—		3		3	1
R							
Resins	—	—		—		2	1
S							
Salicylic Acid	1	—		4		2	1
Salt Water	—	1		2		2	1
Sea Water	1	1		2		2	1
Sewage	—	2		2		2	1
Sewage	—	—		2		2	1
Silver Nitrate	1	1		2		2	1
Silicone Oil	—	—		2		2	1
Sodium Acetate	1	1		—		4	1
Sodium Bicarbonate	1	1		2		2	1
Sodium Bichromate	—	—		—		2	1
Sodium Bisulphite	1	1		2		2	1
Sodium Borate	1	—		2		2	1
Sodium Bromide	—	—		1		1	1
Sodium Carbonate	1	—		2		2	1
Sodium Chlorate	—	1		2		2	1
Sodium Chlorite	—	—		—		—	1
Sodium Chloride	1	1		2		2	1
Sodium Disulphate	—	—		2		2	1
Sodium Fluoride	—	1		—		—	—
Sodium Hydroxide (Caustic Soda)	—	1		3		—	1
Sodium Hypochlorite	1	1		4		2	1
Sodium Hypochlorite	—	1		2		2	1
Sodium Metaphosphate	—	—		2		2	1
Sodium Nitrate	1	1		3		4	1
Sodium Nitrite	—	—		—		—	1
Sodium Perborate 10%	1	—		2		2	1
Sodium Peroxide 10%	—	1		2		2	1
Sodium Phosphate	—	—		2		2	1
Sodium Silicate	1	1		2		2	1
Sodium Sulphate	1	1		2		2	1
Sodium Sulphite 10%	—	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

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Stannic Chloride	—	1		2		2	1
Stannous Chloride	—	1		2		2	1
Starci	—	2		2		—	1
Steam 130°C	4	1		4		4	1
Stearic Acid	1	—		2		—	1
Suds	—	1		2		—	1
Sugarbeet Liquor	—	—		—		2	1
Sulphuric Acid 10-50%	3	1		3		1	1
Sulphuric Acid 60-70%	3	1		4		1	1
Sulphuric Acid 80-100%	4	—		4		1	1
Sulphurous Acid	3	—		4		2	1
Sulphamic Acid	—	1		—		—	1
Sulphur 20°C	—	—		4		4	1
Sulphur Chloride	—	—		4		2	1
Swimming pool Water	—	1		2		—	1
T							
Tannic Acid	1	—		4		3	1
Tar	1	4		4		2	1
Tartaric Acid	1	—		2		2	1
Tetraphosphoric Acid	—	—		—		—	1
Tetrachydrofuran	—	—		4		4	1
Tetraethyl Lead	—	—		4		2	1
Thionyl Chloride	—	—		4		4	1
Toluene	1	4		4		2	1
Tomato Juice	—	—		2		2	1
Trichloroacetic Acid	—	—		4		2	1
Trisodium Phosphate	—	—		2		2	1
Tributyl Phosphate 30°C	—	—		4		4	1
Trichloroethylene	—	—		4		1	1
Transformer Oil	—	—		2		2	1
Turpentine	1	4		2		2	1
U							
Unleaded Petrol	1	—		2		2	1
Urea	—	—		4		1	1
V							
Various Esters	—	—		—		—	1
Various Ethers 40°C	—	—		2		4	1
Various Soaps	—	—		2		2	1
Various Ketones	—	—		4		4	1
Vaseline	—	—		3		3	1
Vegetable Oil	—	—		2		1	1
Vinyl Acetate	—	—		4		2	1
W							
Wet Chlorine Gas	—	1		4		2	1
Wet Sulphurized Hydrogen	—	1		4		1	1
Wet Sulphur Dioxide	1	1		2		4	1
White Liquor	—	1		4		2	1
Wine	—	—		2		2	1
X							
Xylene, Xylol	—	—		4		2	1
Z							
Zinc Chloride	1	1		2		2	1
Zinc Nitrate	—	—		—		2	1
Zinc Sulphate 30%	—	1		2		2	1

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