

ТАБЛИЦА КОРРОЗИОННОЙ СТОЙКОСТИ НЕКОТОРЫХ МЕТАЛЛОВ И СПЛАВОВ

CORROSIVE MEDIA	Carbon Steel	St.St.12% Cr.	St. St. F304	St. St. F316	Monel	Inconel	Hastelloy "B"	CORROSIVE MEDIA	Carbon Steel	St.St.12% Cr.	St. St. F304	St. St. F316	Monel	Inconel	Hastelloy "B"
Acetic Acid – pure	C	A	B	A	A	A	A	Lubricating Oil – Refined	A	A	A	A	B	A	A
Acetic Acid – 10%	C	B	B	A	A	A	A	Magnesium Chloride	D	C	B	B	A	A	A
Acetic Anhydride	C	B	B	A	A	A	A	Magnesium Hydroxide	B	B	A	A	A	A	A
Acetone	B	A	A	A	A	A	A	Magnesium Sulphate	B	C	B	B	A	B	A
Alcohol Methyl (Methanol)	B	A	A	A	A	A	A	Mercuric Chloride	D	D	D	C	D	D	C
Alcohol Methyl 150°F	B	C	C	B	B	A	A	Mercury	B	B	A	A	B	A	A
Ammonia – Conc.& Aq. Sol.	B	A	A	A	B	A	A	Methane Gas	B	B	B	B	B	B	B
Ammonia – Gas	A	A	A	A	B	A	B	Methylethylketone	A	A	A	A	A	A	A
Ammonium Chloride – Still	C	C	B	B	B	A	B	Milk (Fresh or Sour)	D	B	A	A	A	A	A
Ammonium Nitrate	B	B	A	A	C	A	D	Naphtha (Crude or Pure)	B	B	A	A	B	A	B
Ammonium Phosphate – Sat.	D	B	A	A	B	A	B	Natural Gas	B	A	A	A	A	A	A
Ammonium Sulphate								Nickel Chloride	D	C	B	B	B	B	A
1 % & 5% - Agit. & Aer.	C	C	B	B	D	B	B	Nickel Sulphate	D	D	B	B	B	B	D
Ammonium – Saturated	C	C	C	A	B	B	B	Nitric Acid – Crude	D	D	C	B	D	B	D
Amyl Acetate	C	C	B	B	B	A	A	Nitric Acid – 5-50%	D	D	B	B	D	B	D
Aniline	C	C	B	B	B	B	B	Nitric Acid – Conc. 70°F	D	D	A	A	D	B	D
Arcenic Acid - 150°F	D	C	B	B	D	D	D	Nitric Acid – Conc. Boiling	D	D	D	D	D	D	D
Asphalt	B	A	A	A	A	A	A	Nitric Acid – Fuming Conc. 110°F	D	D	C	C	D	D	D
Barium Chloride – Sat.	C	C	B	B	B	B	B	Nitric Acid – Fuming Conc. Boiling	D	D	D	D	D	D	D
Barium – Acqueous Sol.	C	C	B	A	A	A	A	Nitrobenzene	D	D	B	A	B	B	A
Benzoic Acid	D	C	A	A	A	A	A	Oils – Miner & Veget.	B	B	A	A	B	C	B
Benzol	B	B	A	A	A	A	A	Oxalic Acid 10% - 70°F	C	C	A	A	B	B	B
Boric Acid	D	C	B	B	A	A	A	Oxalic Acid – 10% - Boiling	D	D	D	C	B	A	B
Butane Gas	B	B	B	B	B	B	B	Oxygen	B	A	A	A	A	A	A
Butyric Acid	D	A	B	A	B	B	B	Petroleum Oils - Crude	B	A	A	A	A	A	A
Calcium Bisulphite	D	C	C	B	D	D	C	Phosphoric Acid - Crude	D	D	D	D	D	B	A
Calcium Carbonate	D	C	B	A	B	B	B	Phosphoric Acid – 5% & Boiling	D	D	C	A	B	A	A
Calcium Chloride	C	C	C	B	A	B	B	Phosphoric Acid – 10% Still	D	C	B	A	C	A	A
Calcium Hypochlorite	D	D	C	C	C	B	B	Phosphoric Acid – 10% Agitated	D	D	C	B	D	A	A
Carbon Tetrachloride	C	C	B	A	A	A	B	Phosphoric Acid – 10% Aer. – Boil.	D	D	D	C	D	B	A
Carbonic Acid	D	C	B	A	B	A	A	Picric Acid	C	C	A	A	D	D	B
Chlorine – Dry Gas	B	B	B	B	B	A	B	Potassium Chloride	D	D	C	B	A	A	B
Chlorine – Moist.	D	D	D	D	D	D	D	Potassium Cyanide	B	B	B	B	B	B	B
Chromic Acid	C	C	B	A	B	B	D	Potassium Hydroxide – 5% - Still	B	B	A	A	A	A	A
Citric Acid – 5% - Still	D	A	A	A	A	A	A	Potassium Hydroxide – 50% - Boil.	D	D	B	A	A	A	A
Citric Acid – Sat.	D	D	C	B	B	B	A	Potassium Nitrate	B	A	A	A	B	B	C
Copper Nitrate	D	D	A	A	D	C	D	Propane Gas	B	A	A	A	A	A	A
Copper Sulphate	D	C	B	A	C	B	C	Sea Water	D	D	B	A	A	A	A
Creosote – crude	B	B	A	A	A	A	A	Soap Solution	A	A	A	A	A	A	A
Dowtherms	B	A	A	A	A	A	A	Sodium Bicarbonate	C	C	A	A	B	B	B
Ethers	A	B	A	A	D	C	B	Sodium Carbonate – 5-50%	B	B	A	A	B	A	A
Ethyl alcohol	B	B	A	A	B	B	B	Sodium Chloride	C	C	B	A	A	A	B
Ethyl Glycol	A	A	A	A	A	A	A	Sodium Cyanide	B	C	B	B	B	B	B
Ferric Chloride	D	D	D	D	D	D	D	Sodium Hydroxide	C	C	B	A	A	A	A
Ferric Sulphate	D	C	B	A	C	B	C	Sodium Hypochlorite	D	D	C	B	C	C	B
Ferrous Chloride	D	D	D	C	C	C	D	Sodium Nitrate	B	B	B	A	B	A	D
Ferrous Sulphate	D	B	B	A	B	B	D	Sodium Phosphate (di-Basic)	C	C	B	B	B	B	B
Fluorine	D	D	C	B	B	B	B	Sodium Phosphate (tri-Basic)	B	B	B	B	B	A	B
Formaldehyde – cold	B	B	B	A	A	A	A	Sodium Sulphate	B	B	B	A	A	B	D
Formic Acid	D	C	C	B	B	A	C	Sodium Sulphide	B	B	B	A	A	A	D
Furfural	B	B	B	B	B	B	B	Steam	A	A	A	A	A	A	A
Gasoline Sour	B	B	A	A	C	C	C	Stearic Acid – Conc.	C	C	A	A	B	A	A
Gasoline Refined	A	A	A	A	A	A	A	Sulphur - 500°F – moiten	C	B	A	A	A	A	B
Gelatine	D	C	B	A	A	A	A	Sulphur Dioxide	B	B	A	A	B	B	B
Glucose	B	B	A	A	A	A	A	Sulphuric Acid - <10%	D	D	D	C	B	B	A
Glue – Dry	A	A	A	A	A	A	A	Sulphuric Acid – 50% - 70°F	D	D	D	D	B	B	A
Glycerine	A	A	A	A	A	A	A	Sulphuric Acid – 50% - Boil.	D	D	D	D	C	D	A
Hydrochloric Acid (Murlatic)	D	D	D	C	C	C	B	Sulphuric Acid – Conc. - 70°F	B	B	B	A	D	D	A
Hydrocyanic Acid	C	C	A	A	C	B	B	Sulphuric Acid – 300°F	D	D	D	D	D	D	D

Hydrofluoric Acid	D	D	D	D	B	D	B	Sulphuric Acid – Fuming	D	D	C	B	D	D	A
Hydrogen – Gas	B	A	A	A	A	A	A	Sulphurous Acid. – Sat.	D	D	C	B	D	D	D
Hydrogen Peroxide	D	D	C	B	B	B	B	Sulphurous Acid – Spray	D	D	C	C	D	D	D
Hydrogen Sulphide – Dry	B	B	A	A	A	A	A	Tannic Acid – 10%	D	D	B	A	B	B	B
Hydrogen Sulphide – Wet	C	C	B	A	B	A	A	Tannic Acid – 10% - Boil.	D	D	C	B	C	C	B
Iodine – Dry - Wet	D	D	D	D	A	A	C	Tar	B	A	A	A	A	A	A
Kerosene	B	A	A	A	A	A	A	Tartaric Acid - 70°C	D	C	B	A	A	A	B
Laquer Solvents	B	B	A	A	B	A	A	Tartaric Acid - 150°F	D	D	B	A	B	A	B
Lactic Acid – 1%	D	B	A	A	C	A	B	Trchloroethylene	C	C	B	B	D	D	B
Lactic Acid – 5%	D	B	A	A	C	A	A	Turpentine	B	B	A	A	A	A	A
Lactic Acid – 5% - Boiling	D	D	C	B	D	B	B	Tomato Juice	C	B	A	A	A	A	A
Lactic Acid – 10% - 150°F	D	D	C	B	C	B	B	Vinegar	D	A	A	A	A	A	A
Lactic Acid – Conc. - 70°F	D	D	D	D	D	B	B	Water (Fresh)	C	A	A	A	A	A	A
Lime Sulphur	A	A	A	A	B	B	B	Water Distilled (Labor. Grade)	C	D	A	A	B	A	A
Linseed Oil	B	B	B	B	B	B	B	Water Distilled (Return. Cond.)	B	B	A	A	A	A	A
Lubricating Oil - Sour	C	B	A	A	C	B	B	Zinc Chloride	D	D	D	B	B	B	B
								Zinc Sulphate	D	C	B	A	A	B	B