Chemical Rating Chart: Inorganic Substances

SERIES:		BFX, HD, HDT, ON, OD, CT, SMECY, MXDCY-BK	AHV, HO, HR, HRP, HDXCY-CPE, MLG2, MLCON-G2, P	PR-(NSHTOU), PRVS	CW, MST, BGL	SIHF, SICY	CP, CCEPR, CCP, EP, PS, PRRT	FDXCY, FT, FTM, ICLV, KSXCY, MCPSWA, MCXSWA, MC, MCX, MCN, MCHSWA, MST, MTS, MTSV, PF, TC, VC, CTCY, CFX, GLT, CTP, F-PVC, HC, HCSF, JC, JFCY, JFOB, JHCY, JT, JTCY, MTR	CTP-H, JFCY-H	AR, P-2S	SOU, MSMA	TW-T, MDXCY-CL (CLEAR)
SUBSTANCE: INORGANIC CHEMICALS	**Temp up to °C**	**SER 105 (CHEMTUFF)**	**CPE**	**PCP**	**V-90HT**	**SILICONE**	**PUR**	**SPVC**	**SER-HF**	**TPE**	**SHF**	**TRANSPARENT PVC**
AMMONIA, WAT	20	VG	P	E	VG	-	G	E	F	G	VG	VG
AMMONIUM CABONATE, WAT	20	E	-	E	VG	F	G	E	E	F	E	E
AMMONIUM CHLORIDE, WAT	20	E	E	G	VG	F	E	E	E	E	E	E
BARIUM SULFATE	20	E	E	E	G	E	E	G	E	E	E	G
BITUMOUS TAR	20	G	P	F	G	G	-	G	G	P	F	G
BORNIC ACID	20	E	E	P	VG	E	E	E	G	E	G	E
CALCIUM CHLORIDE, WAT	20	G	E	E	F	E	E	F	E	E	VG	F
CALCIUM NITRATE, WAT	20	E	E	E	E	G	E	E	E	F	VG	E
CARBON DISULFIDE	20	P	P	P	P	-	P	P	P	P	P	P
BLEACH	20	G	G	G	G	G	F	G	F	P	F	G
COPPER SULFATE	20	E	F	E	E	E	E	E	E	E	E	E
HYDROCHLORIC ACID 37%	20	G	G	G	G	G	P	G	G	P	G	G
HYDROGEN PEROXIDE, WAT 100%	20	E	P	P	VG	G	P	E	G	F	G	E
HYDROGEN SULFIDE	20	G	P	E	G	F	P	G	E	P	VG	G
MAGNESIUM SULFATE	20	E	E	E	E	E	-	E	E	E	E	E
MERCURY	20	E	E	E	E	-	E	E	E	E	VG	E
METHYL ETHYL KETON	20	P	P	P	P	P	P	P	F	G	P	P
NICKEL SULFATE, WAT	20	E	E	E	E	E	E	E	G	E	VG	E
NITRIC ACID 10%	20	VG	G	G	G	F	F	VG	G	E	P	VG
NITROBENZENE	50	P	P	P	-	P	P	-	G	P	P	-
PHOSPHORIC ACID - 20%	20	VG	E	G	G	G	E	G	E	-	P	G
POTASSIUM CHLORATE, WAT	20	E	-	E	E	G	-	E	E	E	E	E
POTASSIUM CHLORIDE, WAT	20	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM DICROMATE, WAT	20	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM HYDROXIDE	20	VG	E	VG	E	G	E	E	E	E	E	E
POTASSIUM NITRATE, WAT	20	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM PERMANGANATE, WAT	20	VG	-	VG	VG	-	-	VG	VG	P	F	VG
POTASSIUM SULPHATE, WAT	20	E	E	E	E	E	E	E	E	E	E	E
SEA WATER	20	VG	VG	G	VG	VG	G	VG	G	VG	E	VG
SODIUM BICARBONATE, WAT	20	E	E	E	E	E	G	E	G	E	E	E
SODIUM BISULFATE, WAT	20	E	E	E	E	E	G	E	E	E	E	E
SODIUM CHLORIDE, WAT	20	E	E	E	E	E	E	E	E	E	E	E
SODIUM HYDROXIDE 50% (CAUSTIC SODA)	20	E	E	G	E	E	P	E	G	P	G	VG
SODIUM THIOSULFAT, WAT	20	E	E	E	E	E	E	E	E	E	E	E
STANNOUS CHIORIDE	20	E	E	E	E	G	G	E	E	E	E	E
SULFUR DIOXIDE	20	E	-	P	E	G	G	E	E	P	G	E
SULFURIC ACID 75%	50	E	G	G	E	P	P	E	G	P	P	E
WATER	20	VG	E	E	VG	G	G	G	E	E	E	G
ZINC SULFATE, WAT	20	E	E	E	E	E	G	E	E	E	E	E
RESISTANCE												
UV RESISTANCE	-	VG	E	E	VG	E	E	VG	E	E	E	F
OZONE RESISTANCE	-	VG	E	VG	VG	E	E	VG	G	G	G	G
TEAR & NOTCH RESISTANCE	-	VG	VG	G	VG	P	E	VG	VG	G	VG	VG
ABRASION RESISTANCE	-	VG	E	VG	G	P	E	G	VG	VG	VG	G
LOW TEMPERATURE FLEXIBILITY	-	VG	VG	VG	F	E	E	F	VG	VG	P	F

RATINGS - CHEMICAL BEHAVIOR: *E = EXCELLENT | VG = VERY GOOD | G = GOOD | F = FAIR | P = POOR | WAT = WATER LIQUID | - = NO DATA*

WARNING This information is the result of many years of experience and has been compiled to the best of our knowledge. It is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application.

DANGER Variations in chemical behavior during handling due to factors such as temperature, pressure, and concentration can cause equipment to fail, even though it passed an initial test.

SERIOUS INJURY MAY RESULT use suitable guards and/or personal protection when handling chemicals.

WASTE WATER When installing cables in waste water it is important to inspect the cables on a regular basis. Due to the variable nature and composition of waste water the cables and equipment should be easily accessible for inspection.
When aggressive and corrosive water is present the cables should be tested under the specific conditions.