EUROTAFF™

chemical resistance

DATA SHEET 2015

ALKALIS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Ammonium Hydroxide <20%	NH_4OH	R	L
Ammonium Hydroxide >20%	NH_4OH	L	NR
Aqueous Ammonia	H_3N	R	L
Calcium Hydroxide <30%	CaH_2O_2	R	L
Calcium Hypochlorite <15%	$CaCl_2O_2$	R	L
Carbon Disulfide	CS_2	R	L
Detergents	----------	R	L
Potassium Hydroxide <20%	KOH	R	L
Soaps	----------	R	L
Sodium Bicarbonate	$NaHCO_3$	R	R
Sodium Carbonate	Na_2CO_3	R	L
Sodium Chlorite	$NaClO_2$	NR	NR
Sodium Hydroxide <20%	NaOH	R	L
Sodium Hydroxide <50%	NaOH	L	NR
Sodium Nitrite	$NaNO_2$	L	NR
Sodium Sulfate	Na_2O_4S	R	L
Trisodium Phosphate	Na_3O_4P	R	L

SALTS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Calcium Bromide	$CaBr_2$	R	L
Calcium Chloride	$CaCl_2$	R	L
Cuprous Chloride	CuCl	R	L
Ferric Chloride	$FeCl_3$	R	L
Ferric Sulfate	$Fe_2O_{12}S_3$	L	L
Ferrous Chloride	Cl_2Fe	R	L
Lithium Bromide	BrLi	R	L
Magnesium Chloride	Cl_2Mg	R	L
Magnesium Sulfate	MgO_4S	R	L
Potassium Iodide	KI	L	NR
Potassium Monopersulfate	K_+ -O-S(=O)$_2$(-OOH)	L	NR
Sodium Chloride	NaCl	R	R
Sodium Nitrate	$NaNO_2$	L	L
Zinc Bromide	$ZnBr_2$	R	L

BLEACH & DETERGENTS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Chlorine Dioxide	ClO_2	R	R
Clorox	ClNaO	R	L
Hydrogen Peroxide <35%	H_2O_2	L	L
Phosphorous	P	R	L
Sodium Hypochlorite <18%	NaOCl	R	L
Sodium Hypochlorite >18%	NaOCl	L	L
Sodium Silicate	Na_4O_4Si	R	L

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ALCOHOLS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
2-Propanol	C_3H_8O	L	L
Ethanol	C_2H_6O	L	L
Furfuryl	$C_5H_6O_2$	NR	NR
Isopropyl	C_3H_7	L	L
Methanol	CH_3OH	L	L

ALIPHATICS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Crude Oil	----------	L	L
Diesel	----------	R	L
Fuel Oil #2	----------	R	L
Fuel Oil #4	----------	R	L
Fuel Oil #6	----------	R	L
Gasoline	----------	L	L
Heptane	C_7H_{16}	R	L
Hexane	C_6H_{14}	R	L
Hydraulic Oils	----------	R	L
JP-4	----------	L	NR
JP-5	----------	R	L
Kerosene	----------	R	L
Mineral Spirits	----------	L	L
Motor Oils	----------	R	L
Naphtha	----------	L	NR
Natural Gas	----------	R	L
Octane	C_8H_{18}	R	L
Pentane	C_5H_{12}	R	L
Transformer Oils	----------	R	L

AROMATICS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Benzene	C_6H_6	L	NR
Chlorobenzene	C_6H5_2Cl	L	NR
Condensate	----------	L	NR
Ethylbenzene	C_8H_{10}	L	NR
ETBE	$C_6H_{14}O$	L	NR
MTBE	$C_5H_{12}O$	L	NR
Nitrobenzene	$C_6H_5NO_2$	L	NR
PAH's	$C_9H_{10}N_2O_3$	NR	NR
Phenol	C_6H_5OH	L	NR
Styrene	C_8H_8	L	NR
Toluene	C_7H_8	L	NR
Xylene	$C_{24}H_{30}$	L	NR

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KETONES	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Acetone	C_3H_3O	NR	NR
Methyl Amyl Ketone	$C_7H_{14}O$	NR	NR
Methyl Ethyl Ketone	C_4H_8O	NR	NR
Methyl Isobutyl Ketone	$C_6H_{12}O$	NR	NR

CHLORINATED SOLVENTS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
1'1' Trichloroethylene	C_2HCl_3	NR	NR
Carbon Tetrachloride	CCl_4	NR	NR
Methyl Isobutyl Chloride	$C_5H_{11}Cl$	NR	NR
Methylene Chloride	CH_2Cl_2	NR	NR
Vinyl Trichloride	$ClCH_2CHCl_2$	NR	NR

OTHER SOLUTIONS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Acetaldehyde	CH_3CHO	NR	NR
Acrylonitrile	C_3H_3N	NR	NR
Alum	$AlH_{24}KO_{20}S_2$	R	L
Aniline	$C_6H_5NH_2$	NR	NR
Animal Grease & Fats	----------	R	R
Atrazine	$C_8H_{14}ClN_5$	NR	NR
Coal (Low Sulfur)	C	R	R
Coal (High Sulfur)	C	R	R
Cyclohexylamine	$C_6H_{11}NH_2$	NR	NR
Dextrose	$C_6H_{12}O_6$	R	R
Di-Octyl Phthalate	$C_{24}H_{38}O_4$	L	L
Dibutyl Maleate	$C_{12}H_{20}O_4$	NR	NR
Dibutyl Phthalate	$C_{16}H_{22}O_4$	NR	NR
Diethylene Glycol Butyl Ether	$C_8H_{18}O_3$	L	L
Dimethylformamide	C_3H_7NO	NR	NR
Ethylene Glycol Butyl Ether	$C_6H_{14}O_2$	L	L
Formaldehyde	CH_2O	NR	NR
Fructose	$C_6H_{12}O_6$	R	R
Guar Gum	----------	R	R
Hydroquinone	$C_6H_4(OH)_2$	NR	NR
Kaolin (China Clay)	----------	R	R
Methyl Acrylate	$C_4H_6O_2$	L	NR
Methacrylonitrile	C_4H_5N	NR	NR
Methyl Methacrylate	$C_5H_8O_2$	NR	NR
Mono-ethanolamine	C_2H_7NO	NR	NR
Morpholine	C_4H_9NO	NR	NR
Ozone <2 ppm	O_3	L	NR
Pine-Sol	----------	NR	NR
Polyethylene (Dry)	C_2H_4	R	R

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OTHER SOLUTIONS	FORMULA	COLD APPLIED POLYUREA	EUROTAFF POLYUREA
Polypropylene (Dry)	C_3H_6	R	R
Polystyrene (Dry)	C_8H_8	R	R
Polytetrafluoroethane (Dry)	$(C_2F_4)_n$	R	R
Polyvinyl Chloride (Dry)	C_2H_3Cl	R	R
Potash Ore	CK_2O_3	R	R
Pulp Liquor	----------	R	L
Quaternary Amines	----------	NR	NR
Silage	----------	R	R
Silicone Fluids	----------	R	R
Skydrol	----------	L	NR
Sugar (Saturated)	----------	R	R
Sugar Syrup	$C_{12}H_{22}O_{11}$	R	R
Toluidine	----------	NR	NR
Triethyl Phosphate	$C_6H_{15}O_4P$	NR	NR
Triethanolamine	$C_6H_{15}NO_3$	NR	NR
Urea	CH_4N_2O	R	L