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CHEMICAL RESISTANCE CHART**WATER**

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
Brine	-----	R	R
Chlorinated Water	-----	R	R
De-Ionized Water	H ₂ O	R	L
Distilled Water	H ₂ O	R	L
Raw Water	H ₂ O	R	R
Sea Water	-----	R	R
Softened Water	H ₂ O	R	R

WASTEWATER

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
Activated Sludge	-----	R	L
Hydrogen Sulfide Gas	H ₂ S	R	L
Methane Gas	CH ₄	R	L
MIC (Bacterial)	-----	R	L
Raw Sewage	-----	R	L
Treated Effluent	-----	R	L

ACIDS

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
Acetic <5%	C ₂ H ₄ O ₂	R	L
Acrylic	C ₃ H ₄ O ₂	NR	NR
Butyric <10%	C ₄ H ₈ O ₂	L	NR
Chromic <2%	CrO ₃	L	NR
Citric	C ₆ H ₈ O ₇	R	L
Cresylic	C ₂₁ H ₂₄ O ₃	NR	NR
Formic <50%	CH ₂ O ₂	L	NR
Fluorosilicic	H ₂ SiF ₆	NR	NR
Hydrochloric <17%	HCl	R	L
Hydrochloric <37%	HCl	L	NR
Hydrofluoric	HF	NR	NR
Lactic	C ₃ H ₆ O ₃	R	L
Methacrylic	C ₄ H ₆ O ₂	NR	NR
Nitric <5%	HNO ₃	L	NR
Oleic	C ₁₈ H ₃₄ O ₂	L	NR
Phosphoric <70%	H ₃ PO ₄	R	L
Stearic	C ₁₈ H ₃₆ O ₂	L	NR
Sulfamic	H ₃ NO ₃ S	NR	NR
Sulfuric <30%	H ₂ SO ₄	R	L
Sulfuric <98%	H ₂ SO ₄	L	NR



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ALKALIES

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
Ammonium Hydroxide <20%	NH ₄ OH	R	L
Ammonium Hydroxide >20%	NH ₄ OH	L	NR
Aqueous Ammonia	H ₃ N	R	L
Calcium Hydroxide <30%	CaH ₂ O ₂	R	L
Calcium Hypochlorite <15%	CaCl ₂ O 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 ₂ CO 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 ₂ O ₄ S	R	L
Trisodium Phosphate	Na ₃ O ₄ P	R	L

SALTS

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
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 ₂ O ₁₂ S ₃	L	L
Ferrous Chloride	Cl ₂ Fe	R	L
Lithium Bromide	BrLi	R	L
Magnesium Chloride	Cl ₂ Mg	R	L
Magnesium Sulfate	MgO ₄ S	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	POLIUREA FRIA	EUROTAFF POLIUREA
Chlorine Dioxide	ClO ₂	R	R
Clorox	ClNaO	R	L
Hydrogen Peroxide <35%	H ₂ O ₂	L	L
Phosphorous	P	R	L
Sodium Hypochlorite <18%	NaOCl	R	L
Sodium Hypochlorite >18%	NaOCl	L	L
Sodium Silicate	Na ₄ O ₄ Si	R	L



**ALCOHOLS**

2-Propanol
Etanol
Furfuryl
Isopropyl
Methanol

FORMULA

C_3H_8O
 C_2H_6O
 $C_5H_6O_2$
 C_3H_7
 CH_3OH

POLIUREA FRIA

L
L
NR
L
L

EUROTAFF POLIUREA

L
L
NR
L
L

ALIPHATICS

Crude Oil
Diesel
Fuel Oil #2
Fuel Oil #4
Fuel Oil #6
Gasoline
Heptane
Hexane
Hydraulic Oils
JP-4
JP-5
Kerosene
Mineral Spirits
Motor Oils
Naphtha
Natural Gas
Octane
Pentane
Transformer Oils

FORMULA

 C_7H_{16}
 C_6H_{14}

 C_8H_{18}
 C_5H_{12}

POLIUREA FRIA

L
R
R
R
R
L
R
R
R
L
R
R
R
R
L
R
R
R
R

EUROTAFF POLIUREA

L
L
L
L
L
L
L
L
L
NR
L
L
L
L
NR
L
L
L
L
L

AROMATICICS

Benzene
Chlorobenzene
Condensate
Ethylbenzene
ETBE
MTBE
Nitrobenzene
PAH's
Phenol
Styrene
Toluene
Xylene

FORMULA

C_6H_6
 C_6H_5Cl

 C_8H_{10}
 $C_6H_{14}O$
 $C_5H_{12}O$
 $C_6H_5NO_2$
 $C_9H_{10}N_2O_3$
 C_6H_5OH
 C_8H_8
 C_7H_8
 $C_{24}H_{30}$

POLIUREA FRIA

L
L
L
L
L
L
L
NR
L
L
L
L
L

EUROTAFF POLIUREA

NR
NR
NR
NR
NR
NR
NR
NR
NR
NR
NR
NR
NR



KETONES

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
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

	FORMULA	POLIUREA FRIA	EUROTAFF POLIUREA
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	POLIUREA FRIA	EUROTAFF POLIUREA
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****POLIUREA FRIA****EUROTAFF POLIUREA**

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

