



# Geotech Disposable Inline Filter

## Chemical Compatibility Data Sheet

ECO Environmental (WA) Pty Ltd  
1 / 214 Lord Street  
East Perth WA 6004

P +61 8 9328 2900  
F +61 8 9328 2677  
W [www.ecoenvironmental.com.au](http://www.ecoenvironmental.com.au)  
E [eco@ecoenvironmental.com.au](mailto:eco@ecoenvironmental.com.au)

ABN: 47 115 383 661

The chemical compatibility data listed below is a compilation of component manufacturers data. It is intended to provide expected results when the materials are exposed to the chemical under static conditions for 48 hours at 25° C (77° F). This chart is intended for use as a guide only. Users should verify chemical compatibility based upon experimentation with a specific filter under actual use conditions.

<b>ACIDS</b>		<b>ETHERS</b>		<b>KETONES</b>	
Acetic Acid, Glacial	LR	Ethyl Ether	R	Acetone	NR
Acetic Acid, 90%	LR	Isopropyl Ether	R	Cyclohexanone	NR
Acetic Acid, 30%	R	Dioxane	NR	Methyl Ethyl Ketone	NR
Acetic Acid, 10%	R	Tetrahydrofuran	NR	Methyl Isobutyl Ketone	R
Hydrochloric Acid, Conc.	NR				
Hydrochloric Acid, 6N	NR	<b>GLYCOLS</b>		<b>OILS</b>	
Nitric Acid, Conc.	NR	Ethylene Glycol	R	Cottonseed Oil	R
Nitric Acid, 6N	NR	Glycerine	R	Lubrication Oil	
Sulfuric Acid, Conc.	NR	Propylene Glycol	R	MIL-L-7803	R
Sulfuric Acid, 6N	NR			MIL-H-5606	R
		<b>AROMATIC HYDROCARBONS</b>		Peanut Oil	R
		Benzene	R	Sesame Oil	R
<b>ALCOHOLS</b>		Toluene	R	Skydrol 500	R
Amyl Alcohol	R	Xylene	R		
Benzyl Alcohol	R			<b>PHOTORESISTS</b>	
Butanol	R	<b>HALOGENATED HYDROCARBONS</b>		Shipley: AZ-111, AZ-119	
Ethanol	R	Carbon Tetrachloride	R	AZ-340, AZ-1350	R
Isopropanol	R	Chloroform	LR	Waycoat: LSI-195, LSI-295	
Methanol	R	Chloroethene NU	R	LSI-395	R
Propanol	R	Ethylene Dichloride	LR	Kodak: KTFR, KMER,	
		Dowclene WR	R	Microresist 752	R
<b>BASES</b>		Freon TF	R	Microresist 747	R
Ammonium Hydroxide, 3N	R	Freon TMC	NR		
Ammonium Hydroxide, 6N	R	Genosolv D	R	<b>MISCELLANEOUS</b>	
Potassium Hydroxide, 3N	R	Methylene Chloride	NR	Aniline	NR
Sodium Hydroxide, 3N	R	Perchloroethylene	R	Dimethyl Formamide	NR
Sodium Hydroxide, 6N	R	Trichloroethylene	R	Dimethyl Sulfoxide	NR
				Formaldehyde, 37%	R
<b>ESTERS</b>				Formaldehyde, 4%	R
Amyl Acetate	R			Gasoline	R
Butyl Acetate	R			Hexane, Dry	R
Cellosolve Acetate	R			JP-4	R
Ethyl Acetate	R			Kerosene	R
Isopropyl Acetate	R			Phenol, Liquified	NR
Methyl Acetate	NR			Pyridine	NR
				Turpentine	R
				Water	R

R = Resistant: No significant change was observed in the flow rate or bubble point.  
LR = Limited Resistance: Moderate changes in physical properties or dimensions of the membrane were observed.  
NR = Not Resistant: The membrane was basically unstable.