

WELCOME IN *PIPELIFE GREENLIFE!*

Resistance to chemicals and other materials

PPR *PIPELIFE - GREENLIFE* non-polar structure of high-molecular hydrocarbon with paraffin provide very good resistance to the number of chemicals and other materials.

PPR *PIPELIFE - GREENLIFE* also resists to water solutions of salts, acids and alkali and also resists the solvents (up to temperature of 60°C).

PPR *PIPELIFE - GREENLIFE* swells under affect of aromatic and halogenated hydrocarbons and some oils, fats and waxes. The swelling is only slight up to the temperature of 30°C.

PPR *PIPELIFE - GREENLIFE* is more or less resisting to the effects of strong oxidizing agents as nitric acid, ozone, oleum (fuming sulphuric acid) hydrogen peroxide and halogens.

The resistance of can be affected by tension and stress in the material and also by high temperatures. The mechanical stress combined with the affect of lye or softener can induce cracks.

The resistance of PPR *PIPELIFE - GREENLIFE* to washing solutions at temperatures of 100°C and under contemporary stress for long time is very good.

The following Tables specify PPR *PIPELIFE - GREENLIFE* resistance to over 750 most used chemicals and materials.

Explaining of the Table marks:

+	resisting	- swelling less 3% or loss of mass lower 0.5% - deformation up to breaking
/	conditionally resisting	- swelling 3 – 8% or loss of mass 0.5 – 5% - expansion before breaking lowered less 50%
-	non resisting	- swelling more than 8% or loss of mass over 5% - expansion before breaking lowered more than 50%
V	colouring possible	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Accumulator acid		+	+	
Acetaldehyde	Pure	/		
Acetaldehyde acetic acid	90 : 100			
Acetaldehyde aq.	All	+	+	
Acetamide		+	+	
Acetic anhydride	Pure	+	/	-
Acetoacetic acid				
Acetone	Pure	+	+	
Acetophenone		+	/	
Acetylene				
Adipic acid aq.	50%	+	+	
Adipic acid aq.	Saturated	+	+	
Adipic ester				
Air	Pure	+	+	+
Akronal dispersion	Commercial			
Akrylonitrile	Pure	+		
Aktivin (Chloramine 1%)				
Aliphatic alcohols		+		
Allyl alcohol	95%	+	+	
Allyl chloride				
Allyl acetate				
Alum aqueous	All	+	+	
Aluminium fluoride	Concentrated			
Aluminium hydroxide		+	+	
Aluminiumchloride aqueous		+	+	+
Aluminium chloride solid		+	+	
Aluminiummetaphosphate		+	+	
Aluminium sulphate aqueous	Saturated	+	+	+
Aluminium sulphate solid		+	+	
Amides of fatty acids		+	+	
2-Aminoethanol	Pure	+		
Amino acids		+	+	
Ammonia gaseous		+	+	
Ammonia water	All	+	+	
Ammonium acetate aq.	All	+	+	+
Ammonium carbonate aq.	All	+	+	+
Ammonium fluoride aq.	Saturated	+	+	
Ammonium hydrogen carbonate aq.	Saturated	+	+	
Ammonium hydrogen sulphide aq.	All	+	+	
Ammonium chloride	All	+	+	+
Ammonium metaphosphate		+	+	
Ammonium nitrate aq.	All	+	+	+
Ammonium phosphate aq.	All	+	+	+
Ammonium sulphate aq.	All	+	+	+

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Ammonium sulphide aq.	all	+	+	
Ammonium thiocyanate		+	+	
Amyl acetate	pure	/	+	
Amyl alcohol	pure	+	+	+
Amyl chloride	100%			
Amyl phthalate				
Aniline	all	+	+	
Aniline hydrochloride aq.	all	+		
Animal oils		+	/	
Antifreeze mixture	commercial	+	+	+
Antimon chloride		+	+	
Antimon pentachloride		+	+	
Antimon trichloride		+	+	
Antra quinosulphonic acid		+		
Apple vine		+	+	
Aqua regia (HCL + HNO ³)		-	-	
Arachis oil	pure	+	+	
Aromatic acids		+	+	
Aromatic oils		/	/	up to -
Arsenic acid anhydride		+	+	
Arsenic acid aq.	all	+	+	
Ascorbic acid		+	+	
Asphalt		+	/V	
@Aspirin		+		
Barium hydroxide aq.	all	+	+	
Barium salts	all	+	+	+
Bee wax		+	/	up to -
Beef tallow		+	+	
Beer		+	+	
Beer colour	Commercial	+	+	
Benzaldehyde aq.	all	+		
Benzaldehyde in isopropylalcohol	1%			
Benzenesulphonic acid		+	+	
Benzoic acid	all	+	+	+
Benzol	Techn. pure	/	+	
Benzoyl chloride		/		
Benzyl alcohol		+	+	
Benzyl chloride		/	-	
Bichromate – sulphuric acid	concentrated	-		
Bismuth salts		+		
Bisulphite lye		+	+	
Bitumen		+	/V	
Bleaching lye with 12,5% active chlorine		/	/	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Bone oil		+	+	
Boric acid	all	+	+	+
Boron trifluoride				
Brake liquid		+	+	
Brandy		+		
Brewer's yeast	commercial	+	+	
Brine	saturated	+	+	
Bromic acid	concentrated	/		
Bromine liquid	100%	-		
Bromine vapor		-		
Bromine water	saturated	/		
Bromochlormethane		-		
1,3 Butadiene g.	pure	/	-	
Butandiol aq.	all	+	+	
Butane g.		+	+	
Butanol aq.	all	+		
Butanone		+		
Butantriol	all	+	+	
2-Butene-1,4-diol	pure	+	+	
Butter		+	+	
Butyl acetate				
Butyl acetate	pure			
Butyl acrylate		+		
Butyl alcohol		+		
Butyl benzyl phthalate				
Butyl glycol	pure	+		
Butyl glycolate				
Butylene glycol	pure	+		
Butylene liquid	pure	+		
Butyl glycol	pure	+		
Butylphenol		+		
Butylphenone		-		
Butyl phthalate	pure	+	/	
2-Butyne-1,4-diol	pure	+		
Butyric acid	all	+		
Calcium carbide		+	+	
Calcium carbonate		+	+	+
Calcium hydroxide		+	+	
Calcium hypochloride aqueous	all	+	+	
Calcium chlorate aq.	saturated	+	+	
Calcium chloride aq.	saturated	+	+	+
Calcium nitrate aq.	50%	+	+	
Calcium oxide - powder		+	+	
Calcium phosphate		+	+	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Calcium sulphate		+	+	
Calcium sulphide aq.	10%			
Camphor		+		
Camphor oil		-		
Carbazole		+	+	
Carbolic acid		+	+V	
Carbolic acid for treating of fruit trees		+V	/V	
Carbolineum	commercial	+		
Carbon dioxide	100%	+	+	
Carbon monoxide g.	Pure			
Carbon disulphide		/		
Carbonic acid aq.	all	+	+	
Carbonic acid dry	100%	+	+	
Castor oil		+	+	
Caustic potash		+	+	
Caustic soda		+	+	
Citric acid aq.	saturated	+	+	+
Citrus juice		+	+	
City gas	commercial	+		
Coal tar		+V		
Coconut oil		+	-	
Coconut oil alcohol	pure	+	/	
Cognac		+		
Cola concentrates		+		
Colouring agents @Colphen A50 – A60		+	/	-
Cooking salt aq.	all	+	+	
Cotton seed oil	Techn. pure	+	+	
Creosote		+	+V	
Creosol	100%	+	/V	
Creosol aq.	Diluted	+	+V	
Crotonaldehyde	pure	+		
Cumaron resins	all	+		
Cupric nitrate aq.	70%	+	+	
Cupric salts aq.	saturated	+	+	
Cupric sulphate aq.	all			
Cuprous cyanide aq.	saturated	+	+	
Cuprous fluoride aq.	saturated	+		
Cuprous chloride aq.	saturated	+		
Cyclanon	commercial	+	+	
Cyclohexane		+		
Cyclohexanol		+	+	
Cyclohexanone		+	/	
DDT – powder		+	+	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Defoamers		+		
@Dekalin	pure	-	-	
Detergents		+	+	
Developers (photographic)		+V	+V	
Dextrin	18%	+	+	
Dextrin aq.	18%	+	+	
Dextrose		+	+	
1,2 - Dibromoethane		/		
Dibutyl ether		/	-	
Dibutyl phthalate	pure	+	/	
Dibutyl sebacate		+		
Diesel fuel		+	/	
Diethanolamine	pure	+		
Diethyl ether		-		
2-Diethyl-hexyl phtalate		+	/	/
Diethylene glycol		+	+	
Diethyl ketone				
Diglicol acid aq.	30%	+	+	
Dihexyl phthalate	pure	+	/	
Dichloroacetic acid	50%	+		
Dichloroacetic acid	pure	+		
Dichloroethane		+		
1,1-Dichloroethylene	pure	-		
Dichloropropanol				
Dichloropropene				
Dichlorobenzene		/		
Diisobutyl ketone	pure	+	-	
Diisooctyl phthalate	pure	+	/	
Diisopropylether				
Dimethyl formamide	pure	+	+	
Dimethyl sulphoxide				
Dimethylamine				
Dinonyl phthalate	pure	+	/	
Diocetyl phthalate		+	/	
Dioxan		/	/	
Diphenyl oxide				
Diphenylamine				
Disodium phosphate		+	+	
Disodium sulphate		+	+	
Distillate		+	+	
Distilled water		+	+	+
Dodecylbenzenesulphonic acid		+		
Drill liquid „Hoechst“		/	/	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Drinking water also with chlorine		+	+	+
Dung water		+	+	
Electrolytic bath				
Emulgating agents		+	+	
Engine oil		+	/	
Elphetine aqueous	10	+	+	+
Epichlorhydrine		+		
Epsom salt	all	+	+	+
Esters aliphatic	pure			
Ethane				
Ethanol	96%	+	+	+
Ethanol (toluene processing)	96%	+		
Ether		/		
Ethereal oils		/	-	
Ethyl acetate		+		
Ethyl acetate	pure	+	/	
Ethyl alcohol	96%	+	+	+
Ethyl alcohol + acetic acid (fermentation mixture)	conventional	+	+	
Ethyl ether	pure	/		
Ethyl chloride	pure	-		
Ethyl methyl ketone	pure	+	/	
Ethyl monochloroacetate		+	+	
Ethylbenzene	pure	/	-	
Ethylene dibromide		-		
Ethylene dichloride		-		
Ethylene chlorohydrine	pure	+	+	
1,2-Ethylenediamine	pure	+	+	
Ethylenediamine tetraacetic acid		+	+	-
Ethylene glycol		+	+	+
Ethylene oxide gaseous	pure	+		
2-Ethylhexanol		+		
@Euron B				
@Euron G				
Fatty acids		+	+	
Fermented fruit juice		+	+	
Ferric ammonium sulphate aq.	saturated	+	+	
Ferric chloride aqueous	all	+	+	-
Ferric chloride aqueous	saturated	+	+	+
Ferric nitrate aqueous	saturated	+	+	
Ferrous chloride aqueous	saturated	+	+	
Ferrous nitrate aqueous	saturated	+	+	
Fertilizing salts aq.	all	+	+	
Fingernails lacquer remover		+		

Substance	Concentration	Behaviour of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Fish oil		+		
Fixative salts aqueous	all	+	+	
Fixative salts solid		+	+	
Fluorine gaseous		-		
Fluoroboric acid aqueous				
Fluorosilicic acid	all			
p-Formaldehyde		+		
Formaldehyde aqueous	up to 40%	+	+	
Formamide		+	+	
Formic acid aqueous	100%	+	+	
Formic acid aqueous	85%	+	/	
@Freon 12		/		
Fructose aqueous	all	+	+	+
Fruit juice	all	+	+	+
Fruit pulp		+	+	
Furfural				
Furfuryl alcohol		+	/V	
Gaseous products containing carbon dioxide	all	+	+	
Gaseous products Containing carbonic acid	all	+	+	
Gaseous products Containing carbon monoxide	all	+	+	
Gaseous products containing hydrogen fluoride	traces			
Gaseous products containing hydrochloric acid	all	+	+	
Gaseous products containing nitrosates	traces			
Gaseous products containing sulphur dioxide	low	+	+	
Gaseous products containing sulphuric acid	all	+	+	
Gaseous products containing sulphurous acid	traces	-		
Gaseous products of roasting	all	+	+	
Gaswork water				
Gelatine		+	+	
Genatine		+	+	+
Gin		+		
Glacial (acetic acid 100%)		+	up to /	
Glaubers salt aq.	all	+	+	+
Glucose aq.	all	+	+	+
Glue		+		
Gluten glue	commercial	+	+	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Glycerine aq.	all	+	+	+
Glycerine chlorhydrine		+		
Glycol		+	+	
Glycol aq.	commercial	+	+	+
Glycolic acid aq.	70%	+		
@Glysantin		+	+	+
Grape sugar		+	+	
Grease	pure			
@Grisiron 8302				
@Grisiron 8702				
@Halothan				
Heating oil		+	-	
Heptane		/	/	
Hexadecanol		+		
Hexafluorosilicic acid aq.	40%			
Hexane		+	/	
Hexantriol		+	+	+
Honey		+	+	
Hydraulic fluid				
Hydrazine hydrate		+	-	
Hydrobromic acid aq.	50%	+	+	
Hydrocyanic acid		+	+	
Hydrofluoric acid	40%-50%	+		
Hydrogen		+	+	
Hydrogen bromide g.	Pure			
Hydrogen peroxide aq.	10%	+	+	
Hydrogen peroxide aq.	30%	+	/	
Hydrogen sulphide aq.		+	+	
Hydrogen sulphide g.	saturated	+	+	
Hydrogen chloride g. Dry and wet	saturated	+	+V	
Hydrochloric acid	all	+V	+V	/V
Hydroquinone		+V		
Hydrosulphite aq.	up to 10%	+	+	
Hydroxylamine sulphate aq.	12%	+	+	
Hypochlorous acids		+	up to /	up to /
Chloral	pure	+	+	
Chloramine aq.	saturated	+		
Chloric acid aq.	1%	+	/	-
Chloric acid aq.	10%	+	/	-
Chloric acid aq.	20%	+	-	
Chlorinated lime		+	+	
Chlorine bleaching lye with 12,5% active chlorine		/	/	-
Chlorine g. – dry		-		

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Chlorine g. – wet		-		
Chlorine hydrate aq.	All	/	+	
Chlorine liquid		-		
Chlorine water	Saturated	/	-	
Chloroacetic acid aq.	85%	+	+	
Chlorobenzene		/	-	
Chlorocarbonate ester				
Chloroform	Pure	/	-	
Chloropicrin				
Chlorosulphuric acid	Pure	-		
Chromic acid aq.	50%	/V	/V	
Chromic anhydride aq.	50%	/V	/V	
Chromium anode slurry		+		
Chromium salts aq.	All	+	+	
Chromosulphuric acid		+		
Coffee extract		+	+	
Ink		+	+	
Iodine tincture	Commercial	+		
Isoamyl alcohol	Pure			
Isobutyl alcohol		+		
Isobutyric acid	Pure			
Isooctane		+	/	
Isopropyl acetate	100%			-
Isopropyl alcohol	Pure	+	+	+
Isopropyl ether	Pure	/	-	
Jam		+	/	-
Kernel oil		+		
Kerosene		+	up to /	
Ketone		+	up to /	
Labarraques solution	Saturated	+	up to /	up to /
Lacquer petroleum	Pure	/	-	
Lactic acid aq.	All	+	+	+
Lanolin – Woolfat		+	/	
Latex		+	+	
Lead acetate aq.	All	+	+	
Lime		+	+	+
Lime water		+	+	
Linseed oil	Pure	+	+	+
Liquid soap		+	+	
Liquor		+		
Lithium bromide		+	+	
@Lysol		+	/	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Magnesium carbonate		+	+	
Magnesium fluorosilicate	all	+	+	
Magnesium hydroxide		+	+	
Magnesium chloride aq.	all	+	+	
Magnesium iodide		+	+	
Magnesium salts aq.	all	+	+	+
Magnesium sulphate	all	+	+	
Machine oil		+		
Maize sprout oil		+	/	
Maleic acid aq.	100%	+	+	
Manganese sulphate		+		
Margarine		+	+	
Mayonnaise		+	+	+
Menthol		+		
Mercury		+	+	
Mercury chloride				
Mercury salts		+	+	
Metal soap		+		
Methacrylic acid		+	+	
Methanol	pure	+	+	
Methoxy butyl acetate		+		
Methoxybutanol		+		
Methoxybutyl acetate		+		
Methyl acetate	pure	+	+	
Methyl acetate	pure	+	/	
Methyl acrylate				
Methyl alcohol		+	+	
Methyl borate				
Methyl bromide g.	pure	-		
Methylcyklohexane		/		
Methyl dichloroacetate		+	+	
Methyl glycol		+	+	
Methyl chloride		/		
Methyl chloride g.	pure	-		
Perchloric acid aq.	70%			
Perchloroethylene		/	-	
Petrol		/	-	
Petrol	Techn. pure	/		
Petrol – benzol mixture	80/20	/	-	
Petroleum		+	/	
Petroleum ether		+	/	
Phenol		+	+V	
Phenolic resin		+	+	
Phenylethanol		+		

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Phenylhydrazine	pure	/		
Phenylhydrazine hydrochloride		+		
Phosgene gaseous		/	/	
Phosgene liquid	100%	-		
Phosphates aq.	all	+	+	
Phosphoric acid	50%	+	+	
Phosphoric acid	80%-95%	+	+V	
Phosphorus oxichloride		+	/	
Phosphorus pentaoxide	100%	+		
Phosphorus trichloride		+		
Photographic developers		+V	+V	
Photographic emulsions	commercial	+	+	
Photographic-fixative bath	commercial	+	+	
Phthalic acid aq.	50%	+	+	
Phthalic acid ester		+	/	
Pickling				
Picric acid aq.	1%	+		
Pine oil		+	+	
Pine-apple juice		+	+	
Plant tanning extracts	commercial	+	/	
Potassium chromate aq.	40%	+	+	+
Potassium chromium (III) sulphate aq. (Chrome alum)	saturated	+	+	
Potassium iodide	3% I	+		
Potassium iodide aq.	all	+	+	
Potassium lye	50%	+	+	+
Potassium nitrate aq.	all	+	+	
Potassium perborate				
Potassium perborate aq.	1%	+	+	
Potassium perborate aq.	10%			
Potassium permanganate		+		
Potassium permanganate aq.	up to 6%	+	+V	
Potassium persulphate aq.	all	+	+	
Potassium phosphate aq.	saturated			
Potassium sulphate aq.	all	+	+	
Potassium sulphide aq.	saturated	+	+	
Potassium sulphite aq.	saturated	+	+	
Potassium tetracyanocuprate aq.	saturated			
Potassium thiosulphate aq.	saturated	+	+	
Propan gaseous	pure	+		
Propanol		+	+	
i-Propanol		+	+	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
n-Propanol		+	+	
Propargyl alcohol aq.	7%	+	+	
Propionic acid aq.	all	+	+	
Propylene dichloride	100%	-		
Propylene glycol		+	+	
Propylene oxide				
Pseudocumene				
Plant protection preparation aq.	usual	+		
Polyacrylic acid – emulsions				
Polyester resins		/		
Polyester softeners		+		
Polyglycol		+	+	
@Polysolvan				
Potassium ferricyanide and ferrocyanide aq.	all	+	+	
Potassium aluminium sulphate aq.	all	+	+	+
Potassium borate aq.	1%	+	+	
Potassium bromate	10%	+	+	+
Potassium bromide	all	+	+	+
Potassium carbonate aq.	all	+	+	
Potassium cyanide aq.	all	+	+	
Potassium cyanoferrate aq.	all	+	+	
Potassium dychromate aq.	saturated	+	+	
Potassium fluoride aq.	all	+	+	
Potassium hexacyanoferrate (II) aq.	all	+	+	
Potassium hydrogencarbonate	saturated	+	+	
Potassium hydrogensulphate aq.	saturated	+	+	
Potassium hydrogensulphite aq.	saturated			
Potassium hydroxide aq.	all	+	+	
Potassium hydrochlorite aq.	all			
Potassium chlorate aq.	all	+	+	+
Potassium chloride	all	+	+	+
Potassium chlorosulphate aq.	saturated	+	+	
Pyridine		/	/	
Quinine		+	+	
Raw sugar	all	+	+	
@Sagrotan		+	/	
Salicylic acid		+	+	
Sauerkraut		+	+	+
Sea water		+	+	+
Separating agents		+	+	
Silicic acid aq.	all	+	+	

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Silicon emulsion	commercial	+	+	
Silicon oil	pure	+	+	+
Silver nitrate		+	+	
Silver nitrate aq.	all	+	+	+
Silver salts	Could satur.	+	+	
Soap solution aq.	all	+	+	
Soda lye	all	+	+	+
Sodium aluminium sulphate		+	+	
Sodium benzoate aq.	all	+	+	
Sodium borate		+	+	
Sodium bromide		+	+	
Sodium carbonate aq.	all	+	+	+
Sodium cyanide		+	+	
Sodium dichromate		+	+	
Sodium dodecylbenzenesulphonate		+	+	
Sodium fluoride		+	+	
Sodium hexacyanoferrate (II)				
Sodium hexacyanoferrate (III) aq.	saturated	+	+	
Sodium hexametaphosphate aq.	saturated	+	+	
Sodium hydrogencarbonate aq.	saturated	+	+	+
Sodium hydrogensulphate aq.	saturated	+	+	
Sodium hydrogensulphite aq.	saturated	+	+	
Sodium hydroxide aq.	all	+	+	
Sodium hydroxide solid		+	+	+
Sodium hypochlorite with 12,5% active chlorine aq.		/	/	
Sodium chlorate aq.	saturated	+	+	
Sodium chloride aq.	all	+	+	+
Sodium chlorite aq.	50%	+		
Sodium chromate		+	+	
Sodium nitrate aq.	all	+	+	
Sodium nitrite aq.	all	+		
Sodium perborate aq.	all	+	+	
Sodiumperchlorate aq.	all			
Sodium peroxide aq.	10%			
Sodium peroxide aq.	saturated			
Sodium phosphate aq.	saturated	+	+	+
Sodium silicate aq.	all	+	+	
Sodium sulphate aq.	saturated	+	+	+
Sodium sulphide	all	+	+	
Sodium sulphide aq.	saturated	+	+	
Sodium sulphite aq.	40%	+	+	+

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Sodium tetraborate aq.	saturated	+	+	+
Sodium thiosulphate aq.	saturated	+	+	
Softeners		+	/	
Soya bean oil		+	/	
Sperm oil		+		
Spindle oil		+	-	
Spirit		+	+	+
Spirits		+		
Spot cleaner				
Spruce oil		+	+	
Stain				
Starch	all	+	+	
Starch sirob		+	/	
Steam condensate		+	+	
Stearic acid		+	/	
Styrene		/	-	
Styrol		/	-	
Succinic acid	50%	+	+	
Sugar beet juice		+	+	+
Sugar sirob		+	+	+
Sulphates aq.	all	+	+	-
Sulphur		+	+	+
Sulphur dioxide aq.	all	+	+	
Sulphur dioxide g.		+	+	
Sulphur trioxide		-		
Sulphuric acid aq.	up to 50%	+	+	
Sulphuric acid aq.	up to 70%	+	/	
Sulphuric acid aq.	up to 80%	+	/	
Sulphuric acid aq.	up to 98%	/	-	
Sulphuric ether				
Sulphurous acid		+	+	
Sulphuryl chloride aq.	all	+	+	
Tallow	pure	+	+	
Tannin aq.	10%	+	+	
Tanning agent	10%	+	+	
Tartaric acid aq.	all	+	+	
Turpentine oil	pure	-	-	
Tetrabromomethan		/	up to -	
Tetraethyl lead		+		
Tetrahydrofurane	pure	/	-	
Tetrachloroethane		/	-	
Tetrachloroethylene		/	/	
Tetrachloromethane	pure	-		

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
@Tetralin	pure	-		
Thioglycolic acid		+	+	
Thionyl chloride		-		
Tin dichloride aq.	all	+	+	
Tin tetrachloride aq.	saturated	+	+	
Toluene		/	-	
Toluic acid	saturated			
Tomato juice		+	+	
Transformer oil	pure	+	-	
Tributyl phosphate		+	+	
Tricresyl phosphate		+	/	
Triethanolamine		+	+V	
Triethanolamine aq.	saturated	+		
Triethylene glycol		+	+	
Trichloroacetic acid	pure	+		
Trichloroacetic acid aq.	50%	+	+	
Trichlorobenzene				
Tri-beta-chloroethyl phosphate		+		
Trichloroethylene	pure	/	/	
Trilon				
Trimethyl borate				
Trimethyl propane aq.		+	+	
Trioctyl phosphate		+		
Triophen		/	-	
Trisodium phosphate		+	+	
@Tutogen U		+	+	
@Tween 20 and 80		+	+	
Two stroke engine oil		+		
Unfermented fruit juice	all	+	+	+
Urea	up to 33%	+	+	
Urea aq.	up to 30%	+	+	
Uric acid		+		
Urine		+	+	
Vaseline	pure	+	/	
Vaseline oil	pure	+	/	
Vegetable and animal oils		+	+	up to /
Vine		+	+	
Vine vinegar	commercial	+	+	
Vinyl acetate		+	/	
Vinylidene dichloride	pure	-		
Viscose		+	+	
Vitamin C		+		
Vitaminic preparates dry		+		

Substance	Concentration	Behavior of PPR PIPELIFE - GREENLIFE at		
		20°C	60°C	100°C
Volatile oils		/	-	
Walnut oil		+		
Washing agents	usual	+	+	
Water glass		+	+	
Wax alcohols	pure	/	-	
Waxes		+	+	up to /
Whey		+	+	
Whisky		+	-	
Xylene		-		
Yeast	commercial	+	+	
Zinc carbonate		+	+	
Zinc chloride	all	+	+	
Zinc oxide		+	+	+
Zinc salts aq.	all	+	+	
Zinc sludge		+	+	
Zinc stearate		+	+	+
Zinc sulphate aq.	all	+	+	+

Comment: abbr.

Aq. = aqueous
g. = gaseous
s. = solid
l. = liquid
pure = techn. pure