



# Dantec Composite Hose **Chemical Resistance Chart**



Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danflon GG	Danflon GGA	Danflon SG	Danflon SGA	Danflon SS	Danflon SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S E M A L
Butyl bromide	100	X	X	A	A	B	B	X	X	X	X	A	A	A	A	X	X	X	X	B	B	B	X	A	A	A	A	
Butyl carbitol acetate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Butyl cellulose		A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	
Butyl cellulose acetate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Butyl/decyl/cetyl-icosyl methacrylate mixture		X	X	X	X	-	-	X	X	A	A	B	B	B	B	X	X	X	X	-	-	-	X	X	X	X	X	
Butylene glycol	100	A	A	A	A	I	I	A	A	A	A	A	A	A	A	A	A	A	A	I	I	I	A	A	A	A	A	
Butyl ether		B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Butyl ethyl ether		B	B	B	B	A	A	B	B	X	X	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Butyl methacrylate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Butyl methoxethyl ether		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Butyl pthalate		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Butyl stearate		B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Butraldehyde		X	X	X	X	-	-	X	X	X	X	A	A	A	A	X	X	X	X	-	-	-	X	X	X	X	X	
Butyric acid	20	B	B	B	B	-	-	B	B	X	X	A	A	A	A	B	B	B	B	-	-	-	B	X	X	X	X	
Butyrolacetone		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	X	A	A	
Calcium salts	SATURATED	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Calcium alkyl salicylate soln		A	A	A	A	-	-	A	A	X	X	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	
Calcium chloride	SATURATED	A	A	I	I	X	X	A	A	X	X	I	I	I	I	X	X	X	X	X	X	X	X	X	X	X	X	
Calcium hypochlorite	20	B	B	I	I	X	X	B	B	X	X	I	I	I	I	X	X	X	X	X	X	X	X	X	X	X	X	
Camphor oil		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	
Caprylic acid		A	A	A	A	X	X	A	A	A	A	A	A	A	A	A	A	A	A	X	X	X	A	A	A	A	A	
Carbinols		B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	
Carbitols		B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	
Carbitol acetate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Carbolic oil		I	I	I	I	-	-	I	I	X	X	A	A	A	A	I	I	I	I	-	-	-	I	X	X	A	A	
Carbon disulphide	100	X	X	X	X	X	X	X	X	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	VI
Carbon tetrachloride		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	A	A	A	
Carbonic acid		A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Cashew nut shell oil		B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	X	A	
Castor oil	100	B	B	A	A	B	B	B	B	A	A	A	A	A	A	B	B	B	B	B	B	B	B	A	X	A	A	
Caustic potash	50	A	A	A	A	X	X	A	A	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	A	
Caustic soda	50	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Chlorine water	SATURATED	I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Chloroacetic acid	100	B	B	X	X	X	B	B	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Chlorobenzene		I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	
Chlorobutane		I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	
Chloroform		I	I	I	I	I	I	I	I	I	A	A	A	A	A	I	I	I	I	I	I	I	I	B	X	A	A	VI
Chlorohydrins		I	I	I	I	-	-	I	I	I	I	A	A	A	A	I	I	I	I	-	-	-	I	X	X	A	X	
Chloroprene		I	I	I	I	-	-	I	I	B	B	A	A	A	A	I	I	I	I	-	-	-	I	A	X	A	X	
Chloropropionic acid *		I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Chlorosulphonic acid	100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Chlorotoluene	100	X	X	X	X	B	B	X	X	A	A	A	A	A	A	X	X	X	X	B	B	B	X	X	X	X	X	
Chrome alum	SATURATED	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Chromic acid aqueous	50	I	I	I	I	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	VI
Citric acid	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Clove oil	100	I	I	B	B	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	
Coal tar naphtha		B	B	B	B	A	A	B	B	B	B	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Copper salts	SATURATED	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Copper chloride *	SATURATED	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Creosote (wood or coaltar)	100	B	B	B	B	X	X	B	B	B	B	A	A	A	A	B	B	B	B	X	X	X	X	X	X	X	A	
Cresols	90	B	B	B	B	X	X	B	B	B	B	A	A	A	A	B	B	B	B	X	X	X	B	X	A	A	A	
Cresylic acids	90	B	B	B	B	X	X	B	B	B	B	A	A	A	A	B	B	B	B	X	X	X	B	X	A	A	A	VI
Crotonaldehyde	100	X	X	X	X	X	X	X	X	A	A	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	
Cumene	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	B	X	X	X	B	X	A	A	A	



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.

Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danfion GG	Danfion GGA	Danfion SG	Danfion SGA	Danfion SS	Danfion SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S	M	A	L
Cyclohexane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	B	A	A	A	A	A	A	
Cyclohexanol	100	B	B	B	B	B	B	B	B	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
Cyclohexanone	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	X	A	A	A	A		
Cyclohexylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	X	X	X		
Cyclopentane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	B	A	A	A	A		
P.Cymene	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A		
Decalin	100	X	X	X	X	A	A	X	X	A	A	A	A	A	A	X	X	X	X	A	A	A	X	A	X	X	X	X	X		
Decyl alcohol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A		
Decyl acrylate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A		
Detergents	5	A	A	A	A	A	A	A	A	X	X	A	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	X		
Dexytrin	100	A	A	A	A	A	A	A	A	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	X	A	A	A	A	A	
Diacetone alcohol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A		
Diaminoethylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Diamylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Dibromoethane	100	B	B	B	B	B	B	B	B	A	A	A	A	A	A	X	X	X	X	B	B	B	X	X	X	X	X	X	A		
Dibutylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	X	X	X	A		
Dibutyl ether	100	I	I	A	A	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	I	A	A	A	A	A	
Dibutylphthalate	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	B	A	X	A	A	A		
Dibutyl sebacate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A		
Dichloroacetic acid *	100	I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI	
Dichlorobenzene	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	X	A	A	A	A	A		
Dichlorobutane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	A	A	A	A	A		
Dichloroethylene	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	A	A	A	A	A		
Dichloroethylether	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	X	A	A	A	A	A		
Dichloromethane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	A	A	A	A	A		
Dichloropropane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	A	A	A	A	A		
Dichloropropylene	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	A	A	A	A	A		
Dichloropropionic acid		I	I	I	I	X	X	I	I	X	X	I	I	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI	
Dicyclopentadiene		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Diesel oil	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	
Diethanolamine	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	A	A	A	A	
Diethylamine	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	A	
Diethylaminoethanol	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	A	A	A		
Diethylbenzene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	B	A	A	A	A	A	A	
Diethylene glycol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Diethylene-glycol diethyl ether		B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A	A	
Diethylene-glycol monobutyl ether		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	
Diethylene-glycol monoethyl ether		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	
Diethylene-glycol monoethyl ether acetate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	
Diethylene-glycol monomethyl ether		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	
Dimethylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	A	A	A	A	A	
Dimethyl ethanolamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	A	A	A	A	
Dimethyl ether	100	I	I	A	A	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	A	A	A	A	A	A	A	
Dimethyl formamide	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A	A	A	A	A	X	X	X	A	X	X	A	A	A	A	A	
Dimethyl phthalate	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	B	A	A	A	A	A	A	
Dimethyl sulphate		B	B	B	B	-	-	B	B	A	A	A	A	A	A	X	X	X	X	-	-	-	X	X	A	A	A	A	A	A	
Dimethyl sulphide	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	X	X	A	A	A	A	A	
Dinitrobenzene	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	
Diocetylphalate	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	B	A	A	A	A	A	A	
Diocetyl sebacate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A	A	
Dioxane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	X	A	A	A	A	A	A	A	
Dipentene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	B	A	A	A	A	A	A	
Diphenyl ether	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	B	X	X	X	B	A	A	A	A	A	A	A	
Diphenyl phthylate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A	A	



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.

Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danifon GG	Danifon GGA	Danifon SG	Danifon SGA	Danifon SS	Danifon SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S E A L	
Dipropylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	A	A		
Dipropylene glycol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Monomethyl ether	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	
Dodecyl alcohol	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diethylene glycol monomethyl ether acetate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	
Diethylenetriamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A	
Diethyl ethanolamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A	
Diethyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diethyl ketone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diethyl oxalate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	
Diethyl phthalate	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Diethyl sebacate	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	
Diethyl sulphate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	
Diisobutylene		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	A	I	A	A	A	A	
Diisobutyl ketone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diisobutyl phthalate	100	B	B	I	I	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diisooctyl adipate	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diisooctyl phthalate		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Diisopropanolamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	A	A	
Diisopropylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	A	A	
Diisopropyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Diisopropyl ketone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Dodecyl benzene	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	
Dodecyl phenol	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	A	A	
Epichlorohydrin	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	
Ethanol		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ethanolamine	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	A	A	
Ethoxy ethanol		I	I	I	I	-	-	I	I	A	A	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	
Ethoxy propanol		I	I	I	I	-	-	I	I	A	A	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	
Ethyl acetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	X	X	X	X	A	A	A	X	A	A	A	A	A	
Ethyl acrylate	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	
Ethyl aluminium dichloride		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Ethylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	A	A	
Ethylbenzene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Ethyl butanol	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Ethyl chloride	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	X	X	A	A	
Ethyl cyclohexane		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	
Ethylene carbonate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	A	I	I	I	I	-	-	-	I	X	A	A	A	A	
Ethylene chloride	100	I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	X	X	A	A	
Ethylene chlorohydrin	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A	B	B	B	B	-	-	-	B	X	A	A	A	A	
Ethylene cyanohydrin	100	I	I	I	I	-	-	I	I	X	X	A	A	A	A	X	X	X	X	-	-	-	X	X	A	A	A	A	
Ethylene diamine	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	A	A	
Ethylene dibromide	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	X	A	A	A	
Ethylene dichloride	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	X	X	X	X	A	A	A	X	X	X	A	A	A	
Ethylene glycol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ethylene glycol monobutyl ether	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	
Ethylene glycol methyl butyl ether		B	B	B	B	-	-	B	B	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	
Ethylene glycol monobutyl ether acetate		B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	
Monoethyl ether	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	
Ethyl formate	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	
Ethylene oxide	100	B	B	B	B	A	A	B	B	X	X	A	A	A	A	X	X	X	X	A	A	A	A	X	X	X	A	A	
Ethylene glycol monoethyl ether acetate		B	B	B	B	A	A	B	B	A	A	B	B	B	B	B	B	B	B	U	U	U	U	B	A	A	A	A	
Ethyl hexylacrylate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	
2-Ethyl hexylamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	X	A	A	



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.

Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danfion GG	Danfion GGA	Danfion SG	Danfion SGA	Danfion SS	Danfion SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S	M	A	L	
Ethyl iodide	100	I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	X	A	A					
Ethyl isobutyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	X	X	X	X	A	A	A	X	X	X	A	A	A	A	A	A	
Ethyl methacrylate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	A	
Ethyl oleate	100	B	B	A	A	B	B	B	B	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
2-Ethyl-3-propylacrolein		I	I	I	I	-	-	I	I	I	I	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	A	A	A	
Ethyl propyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Ethyl propyl ketone	100	I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	A	A	A	A	A	A	A	A	
Ethyl silicate	100	A	A	A	A	-	-	A	A	X	X	A	A	A	A	A	A	A	A	-	-	-	-	A	A	A	A	A	A	A	A	
Ethyl sulphate	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A	A	A	
Ethyl vinyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Ethoxyethyl acetate	100	B	B	B	B	-	-	B	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	B	A	A	A	A	A	
Fatty acids	100	A	A	A	A	-	-	A	A	X	X	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	A	A	A	
Fluosilic acid		A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Formaldehyde soln	45	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Formamide	100	A	A	B	B	-	-	A	A	X	X	B	B	B	B	X	X	X	X	-	-	-	X	X	X	A	A	A	A	A	A	
Formic acid	100	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Fruit juices		A	A	A	A	-	-	A	A	X	X	A	A	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	A	A	
Fructose	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Fuel oil	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Furfural	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	X	X	A	A	A	A	A	A	
Furfuryl alcohol	100	I	I	I	I	-	-	I	I	X	X	A	A	A	A	I	I	I	I	-	-	-	I	X	X	A	A	A	A	A	A	
Gallic acid soln	ALL	A	A	A	A	-	-	A	A	X	X	A	A	A	A	X	X	X	X	-	-	-	X	X	A	A	A	A	A	A	A	
Gas oil	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Gasoline	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Gelatine aqueous	ALL	A	A	A	A	-	-	A	A	X	X	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	
Gluconic acid	ALL	A	A	A	A	-	-	A	A	X	X	A	A	A	A	I	I	I	I	-	-	-	I	X	A	A	A	A	A	A	A	
Glucose aqueous	ALL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Glycerine	ALL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Glycolic acid	SATURATED	A	A	X	X	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Glycols aqueous	ALL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Heptane		B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Heptanoic acid		B	B	B	B	-	-	B	B	X	X	A	A	A	A	X	X	X	X	-	-	-	X	X	X	A	A	A	A	A	A	
Heptanol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Heptanone	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A	A	A	
Heptene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Hexane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Hexanol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Hexylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hexylene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	B	A	A	B	A	A	A	A	A	A	
Hexylene glycol	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	
Hydrazine hydrate		B	B	B	B	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrobromic acid *	50	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrochloric acid aqueous*	37	I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrocyanic acid	SATURATED	A	A	X	X	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrofluoric acid *	60	B	B	X	X	X	X	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrofluoric acid *	40	A	A	X	X	-	-	A	A	X	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	X	X		
Hydrofluosilicic acid	20	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrogen bromide		I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrogen chloride		I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrogen peroxide aqueous	90	B	B	B	B	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydrogen sulphide aqueous *	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
2-Hydroxyethyl acrylate		I	I	I	I	X	X	I	I	A	A	A	A	A	A	I	I	I	I	X	X	X	I	A	A	A	A	A	A	A		
Hexamethylene diamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hexamethylene tetramine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.

Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danflon GG	Danflon GGA	Danflon SG	Danflon SGA	Danflon SS	Danflon SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S	M	A	L
Hydroquinone	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Hydroxy ethyl ethylene diamine	100	I	I	I	I	X	X	I	I	X	X	A	A	A	A	I	I	I	I	X	X	X	X	X	X	X	X	X	X	X	
Iodine soln *	SATURATED	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Iron salts (not halides)	SATURATED	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Iron halides *	SATURATED	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isoamyl acetate		I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	A	A	A	A	
Isoamyl alcohol	100	B	B	A	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	B	A	A	A	A	A	
Isoamyl bromide	100	B	B	X	X	X	B	B	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isoamyl butyrate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	X	X	X	X	-	-	-	X	A	A	A	A	A	A	A	A	
Isoamyl chloride	100	I	I	I	I	X	X	I	I	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isoamyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	B	A	A	A	A	
Isobutyl alcohol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Isobutyl acetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	I	A	A	A	A	A	
Isobutyl acrylate	100	B	B	B	B	B	B	B	B	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
Isobutylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isobutyl bromide	100	B	B	X	X	-	-	B	B	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	X	X	X	
Isobutyl chloride	100	B	B	X	X	-	-	B	B	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	X	X	X	
Isobutyl methyl ketone	100	B	B	B	B	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	B	A	A	A	A	A	
Isobutyraldehyde	100	X	X	X	X	X	X	X	X	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isobutyl ether	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	I	A	A	A	A	A	
Isooctane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	I	A	A	A	A	A	
Isodecyl alcohol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Isopentane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	I	A	A	A	A	A	
Isopentene	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	I	A	A	A	A	A	
Isophorone	100	B	B	X	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isophorone diamine	100	I	I	X	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isoprene	100	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	B	X	X	X	B	X	X	X	X	X	X	X	X	
Isopropyl alcohol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Isopropanolamine	100	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isopropylacetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	I	A	A	A	A	A	
Isopropylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isopropyl chloride	100	B	B	B	A	A	B	B	A	A	B	B	B	B	X	X	X	X	X	X	A	A	A	X	X	X	X	X	X	X	
Isopropyl ether	100	B	B	B	B	A	B	B	A	A	X	X	X	X	X	X	X	X	A	A	A	X	A	A	X	A	A	A	A	A	
Isovaleraldehyde	100	I	I	I	I	-	-	I	I	X	X	A	A	A	I	I	I	I	-	-	-	I	X	X	X	X	X	X	X	X	
Jams	100	A	A	A	A	X	X	A	A	X	X	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Jet fuel	100	I	I	I	I	A	A	I	I	X	X	A	A	A	A	X	I	I	X	A	X	A	X	A	X	A	A	A	A	A	X
Kerosene	100	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	
Lacquer	100	I	I	A	A	B	B	I	I	A	A	A	A	A	I	I	I	I	B	B	B	I	A	A	A	A	A	A	A	A	
Lacquer solvents	100	I	I	A	A	B	B	I	I	A	A	A	A	A	I	I	I	I	B	B	B	I	A	A	A	A	A	A	A	A	
Lactic acid	20	B	B	B	B	X	X	B	B	X	X	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Lanolin		A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	
Lard		A	A	A	A	A	A	A	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Latex		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Lead salts	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Lemon oil	100	I	I	A	A	B	B	I	I	X	X	A	A	A	I	I	I	I	B	B	B	I	A	X	A	X	X	X	X	X	
Ligroin	SEE PETROLEUM NAPHTHA									X	X	A	A	A	A	A	A	A	A	A	A	A	A	X	A	A	A	A	A	A	
Limonene	SEE DIPENTENE																														
Linseed oil	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Lubricating oil	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	A	A	A	
Machine oil	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Magnesium salts	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Maleic acid	100	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Malic acid	100	B	B	B	B	X	X	B	B	X	X	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Manganese salts	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.

Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danflon GG	Danflon GGA	Danflon SG	Danflon SGA	Danflon SS	Danflon SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S E A L
Mercuric chloride *	SATURATED	A	A	X	X	U	U	A	A	X	X	X	X	X	X	X	X	X	X	U	U	U	X	X	X	X		
Mesityl oxide	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	X	A	A	A	
Methacrylic acid	SATURATED	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	A	A	
Methanol	100	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A	A	B	B	B	A	A	A	A	A	A	
Methyl acetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	BU
Methyl aceto actate	100	I	I	I	I	-	-	I	I	A	A	B	B	B	B	X	X	X	X	-	-	-	X	A	A	A	A	
Methyl acetone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Methyl acrylate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	
Methyl amine		B	B	B	B	X	X	B	B	X	X	B	B	B	B	I	I	I	I	X	X	X	I	X	X	A	A	
Methylamyl acetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	
Methylamyl alcohol	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Methylamyl ketone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Methyl tert-butyl ether		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	
Methyl butyl-ketone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Methyl butyraldehyde		X	X	X	X	-	-	X	X	X	X	A	A	A	A	X	X	X	X	-	-	-	X	A	X	A	X	
Methyl cellulose	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	
Methyl cellulose acetate	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Methyl chloride	100	I	I	I	I	B	B	I	I	X	X	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	
Methyl cyanide	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	X	A	A	A	
Methyl cyclohexane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
2-Methyl pentene		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	VI
Methylene chloride	100	I	I	I	I	B	B	I	I	X	X	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	
Methylene bromide	100	I	I	A	A	B	B	I	I	X	X	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	
Methyl ethyl ketone	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	BU
Methyl pyridine		I	I	I	I	-	-	I	I	I	I	B	B	B	B	I	I	I	I	-	-	-	I	X	A	A	A	
Methyl isobutyl ketone		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	
Methyl methacrylate	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	
Methylstyrene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Mineral oil	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Mineral spirits	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	
Molasses		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Monoethanolamine		A	A	A	X	X	X	A	A	X	X	A	A	A	A	B	B	B	X	X	X	B	X	X	A	A	A	
Monoethylamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	A	
Mononitrobenzene		B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	X	X	X	B	A	A	A	A	A	
Morpholine	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	X	X	X	B	X	A	A	A	A	
Naphtha	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Naphtha solvent		I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	
Naphthalene (in soln)	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Neohexane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Nickel chloride *	SATURATED	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Nickel salts	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	X	X	X	X	X	X	X	X	X	X	X	A	A	
Nitric acid	10	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	A	X	VI
Nitric acid	60	I	I	I	I	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	VI
Nitric acid	30	B	B	B	B	-	-	B	B	X	X	B	B	B	X	X	X	X	-	-	-	X	X	X	X	A	X	VI
Nitric acid	70	X	X	X	X	X	X	X	X	X	X	I	I	I	I	X	X	X	X	X	X	X	X	X	X	X	X	VI
Nitrobenzene	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	B	X	X	X	B	A	A	A	A	
O-Nitrophenol	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	A	A	A
Nitropropane	100	I	I	I	I	X	X	I	I	A	A	A	A	A	A	I	I	I	I	X	X	X	I	A	A	A	A	
Nitrotoluene	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	B	B	B	B	X	X	X	B	A	A	A	A	
Nonane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Nonyl alcohol	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	
Nonylphenol	100	I	I	I	I	X	X	I	I	X	X	A	A	A	A	I	I	I	I	X	X	X	I	X	X	A	X	
Nutmeg oil	100	X	X	X	X	X	X	X	X	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	A	X	
Octane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	



A: **SUITABLE** for use at 100°C/212°F

B: **SUITABLE** for use at worldwide ambient temperatures

I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.

\*: Polypropylene/Polyethylene couplings should be used.



Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danfion GG	Danfion GGA	Danfion SG	Danfion SGA	Danfion SS	Danfion SSA	Danoiil 3	Danoiil 3AG	Danoiil 7AG	Danoiil 7GG	Danoiil 9AG	Danoiil 9GG	Danoiil 9SG	Danoiil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S E A L
Octanol	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A
Octylacetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	A
Octylacrylate		B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A
Oils		B	B	B	B	A	A	B	B	A	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A
Oleic acid		B	B	B	X	X	B	X	X	A	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Oleum		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Olive oil	100	X	X	X	X	X	X	X	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Oxalic acid	45	B	B	B	X	X	B	X	X	A	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Palm oil	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A	A
1.3-/Pentadiene		I	I	I	I	-	-	I	I	X	X	A	A	A	A	I	I	I	I	-	-	-	I	X	X	A	A	A
Pentane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A	A
Pentanol	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A
Pentanone	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A
Pentene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A	A
Perchloroethylene	100	I	I	A	A	B	B	I	I	I	I	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	A
Perchloric acid *	50	B	B	X	X	-	-	B	B	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	VI
Petrolatum	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	X	A	A	A	A
Petroleum	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Petroleum naphtha	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	A
Phenol	100	A	A	B	B	-	-	A	A	X	X	A	A	A	A	I	I	I	I	-	-	-	I	X	A	A	A	VI
Phenoxyethanol		I	I	I	I	-	-	I	I	X	X	B	B	B	B	I	I	I	I	-	-	-	I	X	A	A	A	A
Phenylhydrazine	100	I	I	I	I	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X
Phosphoric acid	25	A	A	A	A	-	-	A	A	X	X	A	A	A	A	X	X	X	X	-	-	-	X	X	X	X	X	VI
Phosphoric acid	96	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	VI
Phosphorus oxychloride *		X	X	X	X	X	X	X	X	X	X	X	X	X	X	I	I	I	I	X	X	X	I	X	X	X	X	VI
Phosphorus pentoxide		A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X
Phosphorus trichloride *	100	B	B	X	X	X	X	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Phosphorus		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Phthalic acid	50	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	A
Picric acid aqueous	1	B	B	B	B	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	A
Pinene		B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	X	A	A	A	A	A
Pine oil	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	X	A	A	A	A
Plasticisers	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A
Polyethylene glycol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A
Polyethylene polyamines		I	I	I	I	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	A
Polypropylene glycol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A
Polymethylene polyphenyl isocyanate		B	B	B	B	-	-	B	B	X	X	A	A	A	B	B	B	B	-	-	-	B	X	A	A	A	A	A
Potassium salts	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	A
Propane (LPG)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	LT
Propyl alcohol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Propanoic acid		B	B	B	B	X	X	B	B	X	X	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	A
Propiolactone		I	I	I	I	-	-	I	I	A	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A
Propionaldehyde	100	I	I	I	I	X	X	I	I	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A
Propionic acid	100	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	A
Propionic anhydride		I	I	I	I	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	A
Propylacetate	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	A
Propylamine		B	B	B	B	X	X	B	B	X	X	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	A
Propylene dichloride	100	I	I	A	A	B	B	I	I	X	X	A	A	A	A	I	I	I	I	B	B	B	I	X	A	A	A	A
Propylene glycol monomethyl ether		B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A
Propylene glycol monoethyl ether		B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	B	A	A	A	A	A	A
Propylene oxide	100	B	B	B	B	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	A	A
Propylene (tetramer & trimer)		I	I	I	I	A	A	I	I	X	X	B	B	B	B	I	I	I	I	A	A	A	I	A	A	A	A	A
Prussic acid		A	A	B	B	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A
Pyridene	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.

Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danfion GG	Danfion GGA	Danfion SG	Danfion SGA	Danfion SS	Danfion SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	S E A L
Salt solutions		B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	A	A	A	
Sea water		A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	A	A	A
Sewage		B	B	B	B	X	X	B	B	A	A	B	B	B	B	B	B	B	B	X	X	X	B	X	A	A	A	
Silicon oil		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Silver salts	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	A	A	A
Silver halides *	SATURATED	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Soap solutions		A	A	A	A	X	X	A	A	B	B	A	A	A	B	B	B	B	X	X	X	X	B	A	A	A	A	A
Sodium salts	SATURATED	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium chloride *	SATURATED	A	A	I	I	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	A	A	A
Sodium hydrosulphide		A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	A	A	A
Sodium hypochlorite *	20	I	I	I	I	X	X	I	I	X	X	I	I	I	I	X	X	X	X	X	X	X	X	X	X	X	X	VI
Sodium hydroxide		A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	A	A	A
Sodium thiosulphate	20	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X
Starch aqueous		A	A	A	A	-	-	A	A	B	B	A	A	A	B	B	B	B	B	B	-	-	-	-	A	A	A	A
Styrene monomer	100	X	X	X	X	A	A	X	X	A	A	A	A	A	A	X	X	X	X	A	A	A	B	A	A	A	A	VI
Sugar syrup		A	A	A	A	X	X	A	A	X	X	A	A	A	A	A	A	A	A	X	X	X	A	A	A	A	A	A
Sulphamic acid		A	A	X	X	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	BU
Sulphuric acid UP TO	20	B	B	B	B	B	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	A	X	
Sulphuric acid *	20-85	I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Sulphuric acid OVER	85	I	I	B	B	X	X	I	I	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	VI
Sulphurous acid		B	B	I	I	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulphuryl chloride		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Tall oil		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Tallow	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Tannic acid aqueous	10	A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A
Tartaric acid		A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	A
Tetrachloroethane		I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	X	A	A	A
Tetrachloroethylene		I	I	I	I	B	B	I	I	A	A	A	A	A	A	I	I	I	I	B	B	B	I	X	X	A	A	A
Tetraethylene glycol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	-	B	A	A	A	A	
Tetraethylene pentamine		B	B	B	B	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	A	A
Tetrahydrofuran		X	X	X	X			X	X	X	X	A	A	A	A	X	X	X	X				X	X	X	A	A	A
Tetrahydronaphthalene		I	I	I	I			I	I	A	A	A	A	A	A	I	I	I	I				I	A	A	A	A	A
Tetralin	100	I	I	X	X	X	X	I	I	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X
Tin salts (not halides)	SATURATED	A	A	B	B	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X
Tin halides *		A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Titanium tetrachloride *		I	I	X	X	X	X	I	I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Toluene	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	VI
Toluene diisocyanate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	-	B	X	A	A	A	BU
Transformer oil	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	-	B	A	A	A	A	
Transmission oil	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A	A
Tributylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	B	B	B	B	X	X	X	X	X	X	X	X	A	A
Tributyl phosphate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	B	B	B	B	-	-	-	-	B	X	A	A	A	
Trichloroacetic acid *	10	A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	VI
Trichlorobenzene	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A	X	X	X	X	-	-	-	X	X	X	X	A	A
Trichloroethane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	X	A	A	A
Trichloroethylene	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	X	A	A	A
Trichloropropane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A	I	I	I	I	A	A	A	I	X	X	A	A	A
Tricresylphosphate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	B	B	B	B	-	-	-	-	B	X	A	A	A	
Tridecanol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	B	B	B	B	-	-	-	-	B	A	A	A	A	
Triethanolamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	A	A
Triethylamine	100	B	B	B	B	X	X	B	B	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	A	A
Triethylbenzene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A	A
Triethylene glycol	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	A	A	A	A	A
Triethylene tetramine	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A	X	X	X	X	X	X	X	X	X	X	A	A	A



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.



Medium	Concn. %	Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danifon GG	Danifon GGA	Danifon SG	Danifon SGA	Danifon SS	Danifon SSA	Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL
Trimethyl benzene	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	A	B	A	A	A	A	A	
Trioctyl phosphate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	A	B	B	B	B	A	B	B	B	B	B	B	B	A
Tripropylene glycol	100	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	A	A	A	A	A	
Tripropylene glycol monomethyl ether		I	I	I	I	-	-	I	I	A	A	A	A	A	I	I	I	I	-	-	-	-	I	A	A	A	A	
Tritolyl phosphate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	A	B	B	B	B	A	B	B	B	B	B	B	B	X
Trixylenyl phosphate	100	B	B	I	I	-	-	B	B	X	X	A	A	A	A	B	B	B	B	-	-	-	B	X	A	A	A	
Turpentine	100	I	I	A	A	X	X	I	I	A	A	A	A	A	I	I	I	I	X	X	X	X	I	A	X	A	A	
Urea aqueous saturated		A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	A	A	B	B	B	B	B	B	B	X
Urea/ammonia salt solution		A	A	A	A	X	X	A	A	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	A	A	
Urea/ammonia solution		A	A	A	A	X	X	A	A	X	X	A	A	A	A	B	B	B	B	X	X	X	B	X	X	A	A	
Valeraldehyde		I	I	I	I	X	X	I	I	A	A	A	A	A	I	I	I	I	X	X	X	I	X	A	A	A	A	
Vaseline	100	B	B	A	A	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	B	B	B	B	B	B	B	X
Vegetable oils	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	A	A	A	A	A	
Vinegar		A	A	A	A	X	X	A	A	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X
Vinyl acetate		I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	-	-	-	X	A	A	A	A	NI	
Vinyl ethyl ether		I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	I	A	A	A	A	A	
Vinylidene chloride		I	I	I	I	-	-	I	I	A	A	A	A	A	I	I	I	I	-	-	-	I	X	A	A	A	A	
Vinyl toluene		B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	B	B	B	B	B	B	B	X
Vinyl neodecanoate		I	I	I	I	-	-	I	I	A	A	A	A	A	I	I	I	I	-	-	-	I	A	A	A	A	A	
Water		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
White spirit	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	B	B	B	B	B	B	B	X
Wine		B	B	B	B	X	X	B	B	X	X	A	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X
Xylene	100	I	I	I	I	A	A	I	I	A	A	A	A	A	I	I	I	I	A	A	A	B	A	A	A	A	A	A
Xylenol	100	B	B	B	B	A	A	B	B	A	A	A	A	A	B	B	B	B	A	A	B	B	B	B	B	B	B	X
Yeast aqueous		A	A	A	A	X	X	A	A	X	X	A	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Zinc salts aqueous (not halides)		A	A	A	A	X	X	A	A	X	X	B	B	B	B	X	X	X	X	X	X	X	X	X	X	X	X	X
Zinc halides aqueous *		A	A	X	X	X	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



A: **SUITABLE** for use at 100°C/212°F  
 B: **SUITABLE** for use at worldwide ambient temperatures  
 I: **SUITABLE** for **INTERMITTENT** use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: **UNSUITABLE** – Do not use.  
 \*: Polypropylene/Polyethylene couplings should be used.