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Dantec Composite Hose Chemical Resistance Chart



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Dantec Composite Hose Chemical Resistance Chart



The attached list gives an indication of the suitability of Dantec Composite Hose for various chemicals. It refers to the lining not the cover.

It is only intended as a guide and does not represent that the hose is guaranteed to be suitable for any specific chemical or physical handling of, a particular material.

Our technical staff will be pleased to advise on any specific application.

Hoses listed, and others not shown in our range, may be suitable for temperatures above 100°C/212°F. Please consult Dantec Ltd for advice.

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.

		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 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL	
Acetaldehyde	100	I	I	I	I	X	X	I	I	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	I	X	A	X		
Acetic acid	60	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	X	BU
Acetic acid	20	A	A	A	A	-	-	A	A	X	X	A	A	A	A		X	X	X	X	-	-	-	-	X	X	X	A	A		
Acetic acid	GLACIAL	B	B	A	A	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	A	X	BU	
Acetic anhydride	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	X		
Acetone	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	BU	
Acetone cyanohydrin		B	B	B	B	-	-	B	B	X	X	A	A	A	A		X	X	X	X	-	-	-	-	X	A	X	A	A		
Acetonitrile		B	B	B	B	B	B	B	B	B	B	A	A	A	A		B	B	B	B	B	B	B	B	B	A	A	A	A		
Acetophenone	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	A	A	A	A		
Acetylacetone	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		
Acetylene dichloride	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	X	A	A	A		
Acrolein	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	X	A	A	A		
Acrylic acid		B	B	B	B	-	-	B	B	X	X	B	B	B	B		X	X	X	X	-	-	-	-	X	X	A	A	X		
Acrylonitrile	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	
Adipic acid	SATURATED	A	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	
Allyl 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	
Allyl bromide	100	I	I	I	I	I	I	I	I	I	I	B	B	B	B		I	I	I	I	I	I	I	I	I	A	A	A	X		
Allyl chloride	100	I	I	I	I	I	I	I	I	I	I	I	I	I	I		I	I	I	I	I	I	I	I	I	A	X	A	X		
Alums	SATURATED	A	A	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	
Adiponitrile	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	X	A	A	A		
Aluminium nitrate	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	A	X	
Aluminium chloride *	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	X	X	
Aminoethyl 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	A	A	A		
Ammonia solution		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	A	A	A	
Ammonium salts	SATURATED	A	A	B	B	A	A	A	A	X	X	B	B	B	B		X	X	X	X	A	A	A	A	X	X	A	A	A		
Ammonium chloride	SATURATED	A	A	I	I	A	A	A	A	X	X	I	I	I	I		X	X	X	X	A	A	A	A	X	X	A	A	A		
Amyl acetate	100	I	I	A	A	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	B	B	B	I	A	A	A	A		
Amyl alcohol	100	B	B	A	A	A	A	B	B	I	I	A	A	A	A		B	B	B	B	A	A	A	A	B	A	A	A	A		
Amyl chloride	100	I	I	I	I	I	I	I	I	I	I	A	A	A	A		I	I	I	I	I	I	I	I	I	A	X	A	A		
Aniline	100	A	A	A	A	X	X	A	A	I	I	A	A	A	A		X	X	X	X	X	X	X	X	X	A	X	A	A	BU	
Animal 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		
Anisole	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	X	X	A	X		

**KEY**

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.

		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 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL	
Antifreeze	100	A	A	A	A	B	B	A	A	A	A	A	A	A	A		A	A	A	A	B	B	B	B	A	A	A	A	A		
Antimony chloride	ALL	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	X	
Apple Juice	100	A	A	X	X	X	X	A	A	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	A	X	A	X	
Aqua regia *		I	I	X	X			I	I	X	X	X	X	X	X		X	X	X	X					X	X	X	X	X		
Arsenic acid	80	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	X		
Asphalt	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	A	A	A	
Aviation fuel	100	I	I	I	I	A	A	I	I	X	X	B	B	B	B		I	I	I	I	A	A	A	A	A	A	X	A	A	X	
Barium salts	SATURATED	A	A	A	A	A	A	A	A	I	I	A	A	A	A		X	X	X	X	A	A	A	A	X	A	A	A	A	A	
Beer		A	A	A	A	X	X	A	A	I	I	A	A	A	A		X	X	X	X	X	X	X	X	X	X	A	X	A	X	
Benzaldehyde		I	I	I	I	X	X	I	I	B	B	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	A	A	A	
Benzene		I	I	I	I	A	A	I	I	A	A	A	A	A	A		X	X	X	X	A	A	A	A	X	A	A	A	A	VI	
Benzene sulphonic acid	100	I	I	X	X	X	X	I	I	I	I	B	B	B	B		X	X	X	X	X	X	X	X	X	X	X	A	A	X	
Benzoic 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	A	A	A	
Benzoyl chloride	100	I	I	B	B	B	B	I	I	B	B	A	A	A	A		I	I	I	I	B	B	B	B	I	X	A	A	A		
Benzyl alcohol	100	B	B	A	A	A	A	B	B	A	A	A	A	A	A		B	B	B	B	A	A	A	A	B	X	A	A	A		
Bismuth carbonate	SATURATED	A	A	X	X	X	X	A	A	I	I	A	A	A	A		X	X	X	X	X	X	X	X	X	A	X	A	A		
Borax	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	A	A	
Brine	SATURATED	A	A	X	X	X	X	A	A	X	X	B	B	B	B		X	X	X	X	X	X	X	X	X	X	X	A	A	X	
Bromine	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	X	X	
Butadiene	100	B	B	A	A	B	B	B	B	X	X	A	A	A	A		B	B	B	B	B	B	B	B	B	B	A	A	A	A	
Butter	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	A	X	A	X	
Butyl bromide	100	X	X	A	A	B	B	X	X	X	X	A	A	A	A		X	X	X	X	B	B	B	B	X	A	A	A	A		
Butylcarbitol acetate		I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	A	A	A	A		
Butylcellulose		A	A	A	A	-	-	A	A	A	A	A	A	A	A		A	A	A	A	-	-	-	-	A	A	A	A	A		
Butylcellulose 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-eicosyl methacrylite mixture		X	X	X	X	-	-	X	X	A	A	B	B	B	B		X	X	X	X	-	-	-	-	X	X	X	A	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	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	A	B	A	A	A	A		
Butyl ethyl ether		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		
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	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	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	A	X		
Butyric acid	20	B	B	B	B	-	-	B	B	X	X	A	A	A	A		B	B	B	B	-	-	-	-	B	X	X	A	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	A	A	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	A	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	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	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	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	A	A	VI
Carbon tetrachloride		I	I	I	I	A	A	I	I	A	A	A	A	A	A		I	I	I	I	A	A	A	A	I	X	A	A	A		

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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	A	A	A	A	
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	A	B	A	X	A	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	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	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	A	A	
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	X	
Chloroacetic acid	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	X	VI
Chlorobenzene		I	I	I	I	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	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	B	I	X	X	A	A	
Chloroform		I	I	I	I	I	I	I	I	I	I	A	A	A	A		I	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	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	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	B	X	A	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	A	A	A	
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	A	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	A	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	B	I	A	X	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	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	A	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	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	B	X	A	A	A	
Cresols	90	B	B	B	B	X	X	B	B	B	B	A	A	A	A		B	B	B	B	X	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	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	X	
Cumene	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A		B	B	B	B	X	X	X	X	B	X	A	A	A	
Cyclohexane	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	
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	A	A	A	A	
Cyclohexanone	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	A	X	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	X	B	X	X	A	A	
Cyclopentane	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	
PCymene	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	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	A	X	A	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	
Decyl acrylate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A		B	B	B	B	-	-	-	-	B	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	A	X	X	A	A	
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	
Diacetone alcohol	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A		B	B	B	B	-	-	-	-	B	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	A	A	
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	A	A	
Dibromoethane	100	B	B	B	B	B	B	B	B	A	A	A	A	A	A		X	X	X	X	B	B	B	B	X	X	X	A	A	
Dibutylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A		I	I	I	I	X	X	X	X	I	X	X	A	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	A	I	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	A	A	B	A	X	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	
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	VI
Dichlorobenzene	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	X	A	A	A	

**KEY**

A: SUITABLE for use at 100°C/212°F.

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*: Polypropylene/Polyethylene couplings should be used.

		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 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL
Dichlorobutane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A		I	I	I	I	A	A	A	A	I	X	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	A	I	X	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	
Dichloromethane	100	I	I	I	I	A	A	I	I	A	A	A	A	A	A		I	I	I	I	A	A	A	A	I	X	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	A	I	X	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	A	I	X	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	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	
Diesel oil	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	
Diethanolamine	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A		I	I	I	I	X	X	X	X	I	X	X	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	A	A	
Diethylaminoethanol	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A		I	I	I	I	X	X	X	X	I	X	X	A	A	
Diethylbenzene	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	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	
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	
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	
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	
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	
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	
Dimethylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A		B	B	B	B	X	X	X	X	B	X	X	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	X	I	X	X	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	B	I	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	X	A	X	X	A	A	BU
Dimethyl phthalate	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	
Dimethyl sulphate		B	B	B	B	-	-	B	B	A	A	A	A	A	A		X	X	X	X	-	-	-	-	X	X	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	
Dinitrobenzene	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	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	A	A	B	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	
Dioxane	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A		B	B	B	B	A	A	A	A	B	X	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	A	A	B	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	X	B	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	
Dipropylamine	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A		B	B	B	B	X	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	
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	
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	A	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	A	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	
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	
Diethyl sulphate	100	B	B	B	B	-	-	B	B	A	A	A	A	A	A		X	X	X	X	-	-	-	-	X	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	
Diisobtyl 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	



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		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 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL
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	X	B	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	X	B	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	
Dodecyl phenol	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A		B	B	B	B	X	X	X	X	B	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	
Ethanol	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	
Ethanolamine	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A		B	B	B	B	X	X	X	X	B	X	A	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	
Ethoxy propanol		I	I	I	I	-	-	I	I	A	A	A	A	A	A		X	X	X	X	-	-	-	-	X	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	A	X	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	BU
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	X	I	X	X	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	A	I	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	
Ethylene carbonate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	A		I	I	I	I	-	-	-	-	I	X	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	B	I	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	
Ethylene cyanohydrin	100	I	I	I	I	-	-	I	I	X	X	A	A	A	A		X	X	X	X	-	-	-	-	X	X	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	X	B	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	A	I	X	X	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	A	X	X	X	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	
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	
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	
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	
Monoethyl ether	100	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	
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	A	A	A	
Ethylene glycol monoethyl ether acetate		B	B	A	A	S	S	B	B	A	A	B	B	B	B		B	B	B	B	S	S	S	S	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	
2-Ethyl hexylamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A	A	I	I	I	I	X	X	X	X	I	X	X	A	A	
Ethyl iodide	100	I	I	I	I	B	B	I	I	A	A	A	A	A	A	A	I	I	I	I	B	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	A	X	X	X	X	A	A	A	A	X	A	A	A	A	
Ethyl methacrylate		I	I	I	I	-	-	I	I	A	A	A	A	A	A	A	I	I	I	I	-	-	-	-	I	A	A	A	A	
Ethyl oleate	100	B	B	A	A	B	B	B	B	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	A	A	A	A	
2-Ethyl-3-propylacrolein		I	I	I	I	-	-	I	I	I	I	A	A	A	A	A	I	I	I	I	-	-	-	-	I	A	A	A	A	
Ethyl propyl ether	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A	A	B	B	B	B	A	A	A	A	B	A	A	A	A	
Ethyl propyl ketone	100	I	I	I	I	B	B	I	I	A	A	A	A	A	A	A	I	I	I	I	B	B	B	B	I	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	
Ethyl sulphate	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A	A	B	B	B	B	-	-	-	-	B	A	A	A	A	

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		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 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL	
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	A	A	
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	A		I	I	I	I	A	A	A	A	I	A	A	A	A	A	
Isoamyl alcohol	100	B	B	A	A	A	A	B	B	A	A	A	A	A	A		B	B	B	B	A	A	A	A	B	A	A	A	A	A	
Isoamyl bromide	100	B	B	X	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	
Isoamyl butyrate	100	B	B	B	B	-	-	B	B	X	X	A	A	A	A		X	X	X	X	-	-	-	-	X	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	
Isoamyl 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	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	
Isobutyl acetate	100	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	A	
Isobutyl acrylate	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	
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	
Isobutyl bromide	100	B	B	X	X	-	-	B	B	X	X	X	X	X	X		X	X	X	X	-	-	-	-	X	X	A	A	A	A	
Isobutyl chloride	100	B	B	X	X	-	-	B	B	X	X	X	X	X	X		X	X	X	X	-	-	-	-	X	X	A	A	A	A	
Isobutyl methyl 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	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	A	A	A	
Isobutyl ether	100	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	A	
Isooctane	100	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	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	
Isopentane	100	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	A	
Isopentene	100	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	A	
Isophorone	100	B	B	X	X	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	A	A	A	
Isophorone diamine	100	I	I	X	X	X	X	I	I	X	X	B	B	B	B		X	X	X	X	X	X	X	X	X	X	X	X	A	A	
Isoprene	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A		B	B	B	B	X	X	X	X	B	X	X	A	A	A	
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	
Isopropanolamine	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	
Isopropylacetate	100	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	A	
Isopropylamine	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	
Isopropyl chloride	100	B	B	B	B	A	A	B	B	X	X	X	X	X	X		X	X	X	X	A	A	A	A	X	X	X	A	A	A	
Isopropyl ether	100	B	B	B	B	A	A	B	B	A	A	X	X	X	X		X	X	X	X	A	A	A	A	X	A	A	A	A	A	
Isovaleraldehyde	100	I	I	I	I	-	-	I	I	X	X	A	A	A	A		I	I	I	I	-	-	-	-	I	X	X	A	X	X	
Jams	100	A	A	A	A	X	X	A	A	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	A	A	A	A	A	
Jet fuel	100	I	I	I	I	A	A	I	I	X	X	A	A	A	A		X	I	I	X	A	X	A	A	X	A	A	A	X	X	
Kerosene	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	A	
Lacquer	100	I	I	A	A	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	B	B	B	I	A	A	A	A	A	
Lacquer solvents	100	I	I	A	A	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	B	B	B	I	A	A	A	A	A	
Lactic acid	20	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	A	A	
Lanolin		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	A	X	X	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	
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	A	X	X	
Lemon oil	100	I	I	A	A	B	B	I	I	X	X	A	A	A	A		I	I	I	I	B	B	B	B	I	A	X	A	X	X	
Ligroin	SEE PETROLEUM NAPHTHA									X	X	A	A	A	A		A	A	A	A	A	A	A	A	A	X	A	A	A	A	
Limonene	SEE DIPENTENE	-																								X	A	A	A	A	
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	
Lubricating oil	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	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	
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	A	A	A	

**KEY**

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.

		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 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL	
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	A	X	
Malic acid	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	X	A	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	A	X	
Mercuric chloride *	SATURATED	A	A	X	X	U	U	A	A	X	X	X	X	X	X		X	X	X	X	U	U	U	U	X	X	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	X	A	A	A	
Methanol	100	A	A	A	A	B	B	A	A	A	A	A	A	A	A		A	A	A	A	B	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	A	I	A	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	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	A	B	A	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	A	
Methyl amine		B	B	B	B	X	X	B	B	X	X	B	B	B	B		I	I	I	I	X	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	A	I	A	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	A	B	A	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	A	B	A	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	A	I	A	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	A	B	A	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	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	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	B	I	X	A	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	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	A	B	A	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	A	I	A	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	B	I	X	A	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	B	I	X	A	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	A	I	A	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	X	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	A	I	A	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	A	
Methylstyrene	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	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	A	B	A	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	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	A	A	
Monoethanolamine		A	A	A	A	X	X	A	A	X	X	A	A	A	A		B	B	B	B	X	X	X	X	B	X	X	A	A		
Monoethylamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A		I	I	I	I	X	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	B	X	X	X	X	B	A	A	A	A		
Morpholine	100	B	B	B	B	X	X	B	B	A	A	A	A	A	A		B	B	B	B	X	X	X	X	B	X	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	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	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	A		
Neohexane	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		
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	X	X	
Nickel 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	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	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	A	X	VI	
Nitric acid	30	B	B	B	B			B	B	X	X	B	B	B	B		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	A	X	VI	

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Propanoic acid		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	
Propiolactone		I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	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	A	A	A	
Propionic acid	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	X	
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	A	A	X		
Propylacetate	100	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		
Propylamine		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	
Propylene dichloride	100	I	I	A	A	B	B	I	I	X	X	A	A	A	A		I	I	I	I	B	B	B	B	I	X	A	A	A		
Propylene glycol monomethyl ether		B	B	B	B	-	-	B	B	A	A	A	A	A	A		B	B	B	B	-	-	-	-	B	A	A	A	A		
Propylene glycol monoethyl ether		B	B	B	B	-	-	B	B	A	A	A	A	A	A		B	B	B	B	-	-	-	-	B	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	A	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	A	I	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	X	
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	S	S	S		
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	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	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	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	X	
Soap solutions		A	A	A	A	X	X	A	A	B	B	A	A	A	A		B	B	B	B	X	X	X	X	B	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	A	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	X	X	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	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	X	X	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	A	X		
Starch aqueous		A	A	A	A	-	-	A	A	B	B	A	A	A	A		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	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	X	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	A	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	X	A	X		
Sulphuric acid *	20-85	I	I	X	X	X	X	I	X	X	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	A	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	A	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	A	X	VI	
Tall 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	
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	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	A	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	A	A		
Tetrachloroethane		I	I	I	I	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	B	B	B	I	X	X	A	A		
Tetrachloroethylene		I	I	I	I	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	B	B	B	I	X	X	A	A		
Tetraethylene glycol	100	B	B	B	B	-	-	B	B	A	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		
Tetrahydronaphthalene		I	I	I	I			I	I	A	A	A	A	A	A		I	I	I	I					I	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	A	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	A	X		

