

CHEMICAL RESISTANCE TABLE

Things to consider when choosing a hose

- This chemical resistance table indicates if the inner tube of the hose is resistant to specific materials/chemicals throughout different temperatures.
- Some materials/chemicals can change color in contact with the hose. If it's important to have the color unaffected, we recommend you to contact Hydroscand.
- For food products the table only indicates whether the inner tube is resistant to the product. This doesn't automatically signify that the inner tube is approved for food products.
- Abrasion, friction and mechanical influence can increase the chemicals aggression and therefore decrease the durability of the hose.
- All values in the table are exclusively for the transport of media.
- NB! Materials can change color in contact with other kind of materials.
- Outer stress is always an important factor to the durability of the hose.

NB! This resistance table should be considered as an indication and not a guarantee.

International material codes

Rubber

NR	Natural rubber
SBR	Styrene butadiene rubber
NBR	Nitrile rubber
EPDM	Ethylene-propylene rubber
IIR	Butyl rubber
CR	Chloroprene rubber (Neopren)
CSM	Chlorosulfonated polyethylene rubber (Hypalon)

Plastic

P.T.F.E.	Polytetrafluoro ethylene (Teflon®)
PP	Polypropylene
UPE	Ultra high molecular weight polyethylene
XLPE	Cross linked polyethylene (PEX)
PU	Polyurethane
PE	Polyester plastic (Elastomer)
PA	Polyamide (Nylon)
PVC	Polyvinylchloride

How to read the table

Fitness grade

A	Good to excellent
B	Acceptable for limited use
C	Not suitable

Chemical substance in alphabetical order	UPE		P.T.F.E.		EPDM			International material codes
	25	70	25	70	25	70	100	
Aceton	A	A	A	A	A	A		Chemical substance temperature in °C
Acetonitil	A	A	C	C	C	C		
Acetonitril	B	B	A	A	B			

Fitness grade divided in temperature areas

	NR		SBR		NBR		EPDM			IIR			CR			CSM			FEP		pp		UPe		PEX		PA		PE		PU		PVC	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	23	50			
	NR	SBR	NBR	SBR	NBR	EPDM	IIR	CR	CSM	FEP	pp	UPe	PEX	PA	PE	PU	PVC	NR	SBR	NBR	EPDM	IIR	CR	CSM	FEP	pp	UPe	PEX	PA	PE	PU	PVC		
Butyric Acid Ethylester	C	C	C	C	C	C	A										A	A																
Butyric Anhydride	B		C	C	B		C	C	C	B			B		A						A	A				A								
C																																		
Cacao Butter	C	C			C	C	C	C	C												A		A											
Cadmium Acetate	C	C			C	C				A					A					A	A				A		A							
Cadmium Chloride	A		A		A		A			A			A		A					A					A		A							
Cadmium Sulphate	B	B	B	B	A	A	A	A		A	A		A	A	A					A	A				A	A	A							
Calcium Acetate	A		A		B		A			A			B		B					A	A	A	B		A		A					A		
Calcium Aluminate	A	A	A		A		A	A		A					A	A	A			A	A				A	A	A							
Calcium Arsenate	A		A		A		A	A		A					A	A				A	A				A		A							
Calcium Biphosphate	A				A		A								A					A					A		A							
Calcium Bisulphate	A				A		A								A					A					A		A							
Calcium Bisulphite	A	A			A	A	A	B							A	A	A			A				A	A	A		A						
Calcium Bromide	A		A		A		A			A					A					A	A				A		A							
Calcium Carbonate	A	A	A	A	A	A	A	A		A	A		A	A	A	A				A	A	A	A	A	A	A	A							
Calcium Chlorate	A	A	A	A	A	A	A	A		A	A	A			A	A				A	A	A	A	A	A	A								
Calcium Cyanide	A		A		A		A	A		A					A					A					A		A							
Calcium Dichromate	B		B		B	C	A	B		A	A				A	A	C	C		A	A	A			A		A							
Calcium Fluoride	A	A	A	A	A	A	A	A		B			B		B	B				A	A	A	A			A	A							
Calcium Fluorophosphate																				A						A								
Calcium Hydroxide (lime water)	A	A	A	A	A		A	A		A	A	A	A	A	A	A				A	A	A	A	A	A	A						A		
Calcium Hypochlorite	C	C	C	C	C	C	A			A	A	A	C	C	A					A	A	A	A	A	A	A					A	A		
Calcium Hypochlorite 25%	C	C	C	C	C	C	A			A			C	C	A					A	A	A	A	A	A	A						A		
Calcium Iodide	A		A		A		A			A					A					A	A													
Calcium Nitrate	A	A	A	A	A	A	A	A		A	A				A	A	A			A	A	A	A			A		A						
Calcium Oleate	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C				A														
Calcium Oxide	A		A		A		A			A					A					A	A				A		A							
Calcium Phosphate	A		A		A		A			A					B					A					A		A							
Calcium Silicate	A	A			A	A	A	A	A	A	A	A	A	A	A	A				A	A				A		A							
Calcium Stearate	B	C	B	C	A	B	B	B		B	B		B	B	B	C				A	A				A									
Calcium Sulphate	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				
Calcium Sulphide	A	A	A		A	A	A	A		A					A					A	A	A	A	A	A	A	A							
Calcium Sulphite	A		A		A		A	A		A					A					A	A	A	A			A		A						
Calcium Thiosulphate	A		A		A		A			A					A					A	A				A		A							
Calcium Chloride	A	A	A	A	A	A	A	A		A	A		A	A	A	A				A	A	A	A	A	A	A	A							
Calcium Chromate	B		B		B		A			A	A		B	C	C	C				A	A	A	A		A	A	B	B						

	NR		SBR		NBR		EPDM			IIR			CR			CSM			FEP		pp		UPe		PEX		PA		PE		PU		PVC	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	90	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	25	70	23	50
	NR	SBR	SBR	SBR	NBR	NBR	EPDM	EPDM	EPDM	IIR	IIR	IIR	CR	CR	CR	CSM	CSM	CSM	FEP	FEP	pp	pp	UPe	UPe	PEX	PEX	PA	PA	PE	PE	PU	PU	PVC	PVC
Chlorodifluoromethane (Freon 22)	B		B		C	C	A			A			A			A			A		B		A		B									
Chloro Diphenyl	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A															
Chloroethanol	C	C	B		C	C	A			B			B		C	C	A	A	A		A		A		B									
Chloroethyl Acetate	C	C			C	C	C	C	C						C	C	C			C	C													
Chlorohydrin	B				C	C	B								C	C	C	A						C										
Chloromethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						B										
Chloronaphthalene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C																
Chlorophenol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A			B		B									
Chloroprene monomer	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B						C									
Chlorosulphonic acid	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C	C	C	C		C		C		C	
Chlorotoluene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A				B		C									
Chrome Alum	C	C	C	C	B		A						B		A		A	A	A	A	A	A	A											
Chrome bath	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A														
Chromic Acid <30%	C	C	C	C	C	C	B			B			C	C	A	A			A	A	C	C	A	B	A		C		C					
Chromic Acid >30%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B				A	A	C	C	A	B	A	C	C		C		C			
Cider	A		A		A		A			A			A		A		A		A	A	A	A	A		A									
Cinnamaldehyde	B		C		C	C	A			A			C						A	A			A											
Citric Acid	A	A	A	A	A	A	A	A	B	A	A		A		A	A	A	A	A	A	B	A	A	A				A		A		A	B	
Coal Gas	C	C			B		C	C	C				C	C	C	C	C					B												
Coal Tar Oil	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C	A																
Cobalt Chloride	A		A		A		A			A									A	A			A		A									
Coconut/Walnut Oil	C	C	C	C	A		B			C			C	C	B				A	A	A	B	A		A									
Cod Liver Oil	C	C	C	C	A		B			B			C	C	B				A	A	A	B	A		A									
Colza Oil /Rapeseed oil	C	C	C	C	B		A			A			B		C	C	C			A				B		B								
Copper (II) Chloride	B		A		A		A			A			A		A				A	A	A	A	A		A				A					
Copper Acetate	B		B		C	C	A	A		A	A		B		A	A			A	A	A	A	A		A									
Copper Arsenate	A		A		A		A	A		A	A		A	A	A	A			A	A			A		A									
Copper Carbonate	C	C	B	C	A		A			A			A		A				A	A	A	A	A		A									
Copper Chloride	B		A		A	A	A			A	A		A		A				A	A	A	A	A		A						A			
Copper Cyanide	A		A		A	A	A			A			B		B				A	A	A	A	A		A									
Copper Fluoride	A		A		B		A			A			B		A				A	A	A	B	A											
Copper Hydroxide	C	C	B		B		A			A			A		B				A				A		A									
Copper Nitrate	B		B		B		A	A		A	A		A		A	A			A	A	A	B	A	A	A									
Copper Slurry	B				C	C	A	A							A	A			A	A	A	A	A		A									
Copper Sulphate	B	C	B	C	B	C	A	A		A	A		A	B	A	A			A	A	A	A	A	A	A				A		A			
Copper Vitriol	B	C	B	C	B	C	A	A		A	A		A	B	A	A			A	A	A	A	A	A	A									
Cotton Oil	C	C	C	C	A		B			C	C	C	B		B				A	A	A		A								A			

	NR		SBR		NBR		EPDM			IIR			CR			CSM			FEP		pp		UPe		PEX		PA		PE		PU		PVC		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	25	70	23	50
	NR	SBR	SBR	SBR	NBR	NBR	EPDM	EPDM	EPDM	IIR	IIR	IIR	CR	CR	CR	CSM	CSM	CSM	FEP	FEP	pp	pp	UPe	UPe	PEX	PEX	PA	PA	PE	PE	PU	PU	PVC	PVC	
Ethylpropylether	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	A	A	B												
Ethyl Acetal	C	C			C	C	A	A	A									C	C	C	A		A												
Ethyl Acetate	C	C	C		C	C	B			B				C	C	C	C	C	A	A	B	C	A	B	A	A		A		B		C	C		
Ethyl Acetoacetate	C	C	C	C	C	C	B	C	C	B	C	C		C	C	C	C	C	A	A			A		C	C									
Ethyl Acetylacetate	A															A							A		C	C									
Ethyl Acrylate	C	C	C	C	C	C	B			B				C	C	C	C	C	A	B			A		A								C		
Ethyl Adipate	C	C	C	C	C	C	B			C	C	C		C	C	C	C	C	A	A			A		A										
Ethyl Benzoate					C	C	B			B				C	C				A	B	B		A		A										
Ethyl Butyrate	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A				A		A								C		
Ethyl Carbitol	C	C			B		B									B			A					A											
Ethyl Cellulose	B		B		B		B			B				B		B			A	A			A		A										
Ethyl Chloride	C	C	C	C	C	C	C	C	C	A				B		C	C	C	A	A	B	C	A		A				C		C				
Ethyl Disulphide							C																		A										
Ethyl Ether (Diethyl ether)	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A	A	A	C	A		A										
Ethyl Formate	C	C	C	C	C	C	B			B				B		C	C	C	A				A		A										
Ethylglycol Acetate	B		B		C	C	A			A				C	C	B	C	C	A	A			A												
Ethyl Hexoate	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A																
Ethyl Hexylsebacate	C	C	C	C	C	C	B			B				C	C	C	C	C																	
Ethyl iodide	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A						A										
Ethyl Mercaptan	C	C	C	C	C	C	C	C	C	C	C	C		C	C				A				A		A										
Ethyl Oleate	C	C	C	C	B		C	C	C	C	C	C		C	C	C	C	C	A	A			A		A										
Ethyl Oxalate	A		A		C	C	B			A				C	C	C	C	C	A	A			A		A										
Ethyl Propionate	C	C	C		C	C	B			B				C	C	C	C	C	A	A			A		A										
Ethyl Silicate	C	C	C	C	A		A			A				A		A			A				A		A										
Ethyl Sulphate	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A			A		A										
Ethyl Sulphide			C	C			C			B									A				A		A										
Ethylacrylate	C	C	C	C	C	C	B			B				C	C	C	C	C	A	B			A		C	C									
Ethylaldehyde	C	C	C	C	C	C	A			A				C	C	C	C	C	A	A	A	B	A												
Ethylamine	C	C	B		B	C	A			A				C	C	B	C	C	A	A	A		A		A										
Ethylene	C	C	C	C	C	C	C	C	C	C	C	C		C	C	A			A	A			A		A										
Ethylene Bromide	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A	A	C	C	B		B							C			
Ethylene Chloride	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A	A	B	C	B		B		B								
Ethylene Chlorobromide	C	C	C	C	C	C	B			C	C	C		C	C	C	C	C	A				B												
Ethylenediamine	B		B		B		A			A				A		A			A	A			A		A										
Ethylene dibromide	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	A	A	C	C	B		B										
Ethylene Dichloride	C	C			C	C	C	C	C							C	C	C	A	A	C	C	B		B			C		C					
Ethylene Glycol	C	C	C	C	C	C	A			A				C	C	C	C	C	A	A	A		A		A			A		A		A			

	NR		SBR		NBR		EPDM			IIR			CR			CSM			FEP		pp		UPe		PEX		PA		PE		PU		PVC	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	90	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	23	50		
	NR	SBR	NBR	EPDM	IIR	CR	CSM	FEP	pp	UPe	PEX	PA	PE	PU	PVC																			
	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	25	70	23	50			
G																																		
Gallic Acid	A		B		C	C		B					B	C		B	C		A	A		A		A										
Gas Oil	C	C	C	C	A	A	C	C	C		B	B	B	B	C		A	A	A	B		A	B	A						B	C			
Gelatine	A	A	A	A	A	A	A	A	A		A	A	A	A	A		A	A	A	A		A	A	A										
Glacial Acetic Acid	C	C			C	C		B	C	C						C	C	C		A	A	B	C	A	C	A	C							
Glucose	A	A	A	A	A	A	A	A	A		A	A	A	A	A		A	A	A	A		A	A	A		A								
Glycerine	A	A	A	A	A	A	A	A	A		A	A	A	A	A		A	A	A	A		A	A	A		A		A		A				
Glycerol	A	A	A	A	A	A	A	A	A		A	A	A	A	A		A	A	A	A		A	A	A		A		A		A				
Glycerol Triacetate	B		C	C	B		A				A		B			B			A															
Glycine	C	C	B	C	B	B	A	A	A		A	A	A	B	B		B	B	B	B		A	A	A										
Glycol Chlorhydrine	C	C	C	C	C	C	A				A			B			B			A														
Glycols & Polyglycols	A	A	A	A	A	A	A				A	A	A	A	A		A	A	B				A	A	A		A				A			
H																																		
Halogenated hydrocarbons	C	C	C	C	C	C	C				C	C	C						C	C		A	A			B		B						
Heavy Spa Water	A	A			A	A	A	A	A					A	A	A				A		A		A		A		A						
Helium	A	A	A	A	A	A	A	A	A		A	A	A	A	A		A	A	A	A		A	A	A										
Heptane	C	C	C	C	A	B	C	C	C		C	C	C	A	B		A	B	C		B	C	A	B	A		A				C			
Heptyl Alcohol	B		B		B	B					B			B			B			A	A		A		A									
Hexachlorobutadiene	C	C	C	C	C	C	C				C	C	C	C	C		C	C	C		A													
Hexachlorocyclohexanol	C	C	C	C	C	C	C				C	C	C	C	C		C	C	C		A													
Hexachloroethane	C	C	C	C	C	C	C				C	C	C	C	C		C	C	C		A													
Hexadecanoic acid	B	C	B	C	A	B		B	B		B	B	B	B	C	C			A	A		A	A		B									
Hexane	C	C	C	C	A	B		C	C	C		C	C	C		B	B		A	B	C		A	A	B	C	A	B	A		A	C		
Hexanetriol	C	C	C	C	A			A			A			B			B			A	A													
Hexanoic Acid	C	C	C	C	C	C					B			A			A			A	A				A									
Hexanol	A	B	A	B	A	A		B	C	C		A		B	B		B			A	A			A		A								
Hexene	C	C			B		C	C	C					A			A			A				A		A								
Hexyl Alcohol	A	B	A	B	A	A		B	C	C		A		B	B		B			A	A			A		A								
Hexyl Chloride	C	C	C	C	C	C		C	C	C		C	C	C		C	C	C		A	A		C	C	A									
Hexylamine	B	C	B	C	B	C		C	C	C		A								A	A			A		A								
Hexylene Glycol	A	A	A	A	A	A		A	A	A		A	A	A	A		A	A		A	A			A		A								
Hydraulic Oil ester based	C	C	C	C	C	C		A	A	A				C	C	C			A	A			A		A		A		A					
Hydraulic Oil glycol based	A	A			A	A		A	A	A		A	A	A	A		B			A	A			A	A		A		A					
Hydrazine	C	C			B			A						B						A			A					C		C				
Hydrazine 64%	C	C			B			A						B						A			A					C						

	NR		SBR		NBR		EPDM			IIR			CR			CSM			FEP		pp		UPe		PEX		PA		PE		PU		PVC	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	23	50
	NR	SBR	NBR		EPDM		IIR		CR		CSM		FEP		pp		UPe		PEX		PA		PE		PU		PVC							
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	23	50
N-Octanoic Acid	C		C		C		C						A				A		A		A		A		A									
Nonanol	C	C	C	C	C	C	A						C	C	C			B				A	A	A	A	A	A							
O																																		
Octane	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	C	A	A			A		A		A							
Octanol	B		B		B	B							B						A	A			A		A									
Octene	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	C	A	A			B		B									
Octyl Acetate	C	C	C	C	C	C	B						C	C	C	C	C	C	A	A					A	B	A							
Octyl Adipate	C	C	C	C	C	C	B						A						C	C	C	C	C	C	A	A	A							
Octyl Alcohol	B		B		B	B							B						A	A					A		A							
Octyl Borate	C	C	C	C	A		B						C	C	A				A				A		A		A							
Octyl Phthalate	C	C	C	C	C	C	B	B					A						C	C	C	C	C	C	A	A	A	B	A	B	A			
Octyl epoxystearate							B	C	C					B						A	A			A		A								
Octyl sebacate	C	C	C	C	C	C	B						B						C	C	C	C	C	C	A	A								
Oil ASTM 1	C	C	C	C	A	A	C	C	C	C	C	C	B	B	A	A	A	A	A	A	A	A	A	A	A	A					B			
Oil ASTM 2	C	C	C	C	A	A	C	C	C	C	C	C	B	B	C	C	C	C	A	A			A		A	A	A	A						
Oil ASTM 3	C	C	C	C	A	A	C	C	C	C	C	C	B	C	C	C	C	C	A	A	A		A		A	B	A		A		C			
Oleic Acid	C	C	C	C	A	B	B						B	C	C				C	C	B	C	C	A	A	B	B	A	A	A		A	B	
Oleums 20 & 30	C	C			C	C	C	C	C											C	C	C	C	C	C	C	C	C	C	C		C		
Orthocresol	C	C			C	C	B	B											C	C	C	C	A		C	C	B							
Ortho-Dichlorobenzene	C	C			C	C	C	C	C											C	C	C		A		A		B						
Oxalic Acid	A	A	B	B	C	C	A	B					B	C	C				C	C	B	C	A	A	A	A	A						A	B
Oxo Alcohols	A				A		A	B											A	A			A		A		A							
Oxygen	B	C	B	C	B	C	A	B	C				A	B	C				A	A			A	A	A	B	A							
Oxygenated Water	B				C	C	B												A				A	B	A	A	A							
Oxytoluene	C	C			C	C													C	C	C													
Ozone	C	C	C	C	C	C	A						B						B		A				A	A	C	C	A	B	A		C	
P																																		
Palmitic Acid	B	C	B	C	A	B	B	B					B	B	B	C	C		A	A			A	A	A		B						A	
Para dichlorobenzene	C	C	C	C	C	C	C	C	C				C	C	C	C	C		A	B	A		B		B									
Paraffin	C	C	C	C	A	A	C	C	C				C	C	C	C	C		A	A	A		A		A	C	A							
Paraformaldehyde	C	C	C	C	B	C	B						B						A	A			A	A	A		A							
Pectin	A		A		A		A						A		A				A	A			A		A		A							
Pentachlorobenzamide																																		
Pentachlorophenol	C	C	C	C	C	C	B						A						C	C	C	C	C		A									

	NR		SBR		NBR		EPDM			IIR			CR			CSM			FEP		pp		UPe		PEX		PA		PE		PU		PVC						
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	90	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	25	70	23	50					
	NR	SBR	NBR		EPDM		IIR			CR			CSM			FEP			pp			UPe			PEX			PA			PE			PU			PVC		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	90	25	70	90	25	70	25	70	25	70	25	70	25	70	25	70	25	70	25	70	23	50			
Sodium Perborate	B		B		A							B			A	A		A	A		A		A																
Sodium Permanganate	C	C	C	C	A				A			C	C		B			A	A		A		A																
Sodium Peroxide	B		B		A				A			B	B	B	A	A		A	A	A	B	A		A										A	A				
Sodium Phosphate	A	A	A	A	A				A	A		B	B		A			A	A	A		A		A															
Sodium Phosphates	A	A			A										A	A		A	A	A		A		A															
Sodium Pyroborate	A	A			A	B	A	A	A						A	A	A	A	A	A	A	A		A	A	A													
Sodium Silicate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A		A		A													
Sodium Stearate	B	C	B	C	A	B	B	B				B	B	B	B	C							A																
Sodium Sulphate	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A		A		A															
Sodium Sulphide	A	A	A		A	A	A	A		B		A		A	A	A	A	A	A	A		A	A	A											A	B			
Sodium Sulphite	A		A		A	A			A			A		A				A	A	A		A	A	A															
Sodium Thiosulphate	A	A	A		A				A	A		A		A	A			A	A	A	A	A	A		A										A	A			
Sodium Tripolyphosphate	A				A																A	A	A		A														
Stannic chloride	A	B	A		A		B	B		B			A		A			A	A	A	A	A	A		A														
Stannous Chloride	A		A		A		B			B			A		A			A	A	A	A	A	A		A														
Starch	A		A		A					A			A		A			A	A	A	A	A	A	A															
Stearic Acid	B	C	B	C	A	B	B	B		B	C	C	B	B	B	B		A	A	B	C	A		B											A	A			
Stearin	B	C	B	C	A	B	B	B		B	C	C	B	B	B	B		A	B	B	C	A		A															
Styrene Monomers	C	C			C	C	C	C	C				C	C	C	C		A	A			A	B	A			A												
Styrolene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		A	A	C	C	A																		
Succinic Acid	B		A		A					A			B								A	B																	
Sugar	A	A	A	A	A	A	A	A		A	A		B	A	A	A		A	A	A	A	A	A		A		A												
Sugar Beet Liquor	A	B			B	A	A	A						A	B						A																		
Sugar Syrup	A				A										A			A	A	A	A	A		A															
Sulpamic Acid	B		B		B					A			A		B	A		A		C	C	A		A															
Sulphochromic Acid	C	C			C	C	C	C	C						C	C	C																						
Sulphonic Acid	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		B					A		A														
Sulphonitric Acid	B	C			C	C	B	C	C						C	C	C								C														
Sulphur Dichloride	C	C			C	C	C	C	C						A			A																					
Sulphur Dioxide (dry)	C	C	C	C	C	C	A			B			C	C	A			A	A	A	B	A	A		C										A	A			
Sulphur Trioxide	B		B		C	C	B			B			C	C	C	C	C																						
Sulphuric Acid 10%	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A	A		A	A	A	A	B	A	A		C		A		A									
Sulphuric Acid 100%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		A	A	C	C	B	C	B	C	C	C	C	C	C									
Sulphuric Acid 20%	A	B	A		C	C	A	A	B	A	A	B	B	C	A	A	A	A	A	A	A	A	A	A	A	C		A		A					A	A			
Sulphuric Acid 50%	B	C	B	C	C	C	A	A	C	B	B	C	C	C	A	B	C	A	A	A	A	A	B	A	A	C		A		A					B	B			
Sulphuric Acid 75%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B	C	A	A	A	B	A	B	A	B	C		C		C									
Sulphuric Acid 92%	C	C			C	C	C	C	C						B	C	C	A	A	A	C	A	B	A	A	C		C		C									

