

LIST OF CHEMICALS HYDRA

IMPORTANT NOTICE

The table „Chemical resistance of plastics“ was listed based on information from various raw material manufacturers. The values refer exclusively to laboratory tests with raw materials. Plastic parts made from them are often subject to influences that cannot be detected in laboratory tests (temperature, pressure, material stresses, exposure to chemical substances, design features, etc.). For these reasons, the values given can only serve as a guideline. In cases of doubt, we strongly recommend carrying out a test. No legal claim can be derived from this information, we exclude any warranty and liability. Chemical and mechanical resistance alone is not sufficient for assessing the serviceability of a product. In particular, the regulations for flammable liquids (explosion protection) must be taken into account.

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LIST OF MATERIALS HYDRA

Tank:	PP	Suction hose:	EVA
Sewage pump:	V2A stainless steel	Drain hose:	PVC
Check valve:	PVC	Floor nozzle:	Aluminium/rubber
Screw connections:	PVC	Suction tube:	PVC
C-couplings:	Aluminium	Suction head:	PA

Version 3.11 (11.01.2021); Subject to technical changes, © Bürkle GmbH 2021.

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Vacuum cleaners for fire departments

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A				
Exhaust gases, alkaline	—	—	—	?	1/1	0/0	(2)	0/0	0/0	0/0	(1)	1/1	0/0	0/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/0	1/0	1/0	0/0	(2)	(1)	(1)					
Exhaust gases, containing hydrogen fluoride	—	—	low	?	1/1	0/0	(3)	(3)	0/0	0/0	(4)	1/1	0/0	0/0	1/1	0/0	0/0	(2)	1/1	1/1	1/1	1/0	1/0	1/0	0/0	(4)	(2)	(2)	1/1				
Exhaust gases, carbon dioxide-containing	—	—	low	?	1/1	0/0	(1)	(1)	(1)	(1)	(1)	1/1	(1)	(1)	1/1	(1)	(1)	1/1	1/1	1/1	1/0	1/0	(1)	(1)	(1)	(1)	(1)	0/0					
Exhaust gases, nitrous	—	—	low	?	1/1	0/0	(3)	0/0	0/0	0/0	(4)	1/3	0/0	0/0	1/1	0/0	0/0	(2)	1/1	1/1	1/1	1/0	1/0	(3)	0/0	(2)	(1)	(1)					
Exhaust gases containing hydrochloric acid	—	—	any	?	1/1	0/0	(3)	0/0	0/0	0/0	(4)	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	3/0	0/0	(4)	2/2L	2/2L	3/3				
Exhaust gases containing sulphur dioxide	—	—	low	?	1/1	0/0	(2)	0/0	0/0	0/0	(4)	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/0	0/0	(4)	1/1	1/1	0/0					
Exhaust gases containing sulphuric acid	—	—	any	?	1/1	0/0	(4)	0/0	0/0	0/0	(4)	1/3	0/0	0/0	1/1	0/0	0/0	(2)	1/1	1/1	1/1	1/0	1/0	4/4	0/0	(4)	(2)	(1)	0/0				
Exhaust gases, containing sulphur trioxide	—	—	low	?	1/1	0/0	(4)	0/0	0/0	0/0	(4)	4/4	0/0	0/0	1/1	0/0	0/0	(2)	(2)	1/1	1/1	1/0	1/0	4/4	0/0	(4)	(2)	(1)	0/0				
Acetaldehyde	C ₂ H ₄ O	000075-07-0	40 %	F+, Xn	X	3/3	2/4	2/0	4/4	(4)	2/4	2/0	3/4	4/4	4/4	4/4	2/3	(1)	1/1	4/4	3/0	4/4	4/4	0/0	(1)	(1)	(1)	3/4					
Acetaldehyde	C ₂ H ₄ O	000075-07-0	tech. pure	F+, Xn	X	3/3	2/4	2/0	4/4	(4)	2/4	2/0	3/4	4/4	4/4	4/4	0/0	4/4	2/3	(1)	1/1	4/4	3/0	4/4	4/4	0/0	(1)	(1)	(1)	1/1			
Acetamide	C ₂ H ₅ NO	000060-35-5	saturated	Xn		1/1	1/1	1/0	4/4	0/0	1/1	1/0	1/1	1/1	4/4	4/4	0/0	1/1	1/1	1/1	1/1	1/0	4/4	1/0	0/0	(1)	(1)	(1)	1/1				
Acetamino-4-ethoxybenzene, 1-	-> see: Phenacetin																																
Acetic anhydride	-> see: Acetic anhydride																																
Acetone	C ₃ H ₆ O	000067-64-1		F, Xi	X	1/1	3/3	1/0	4/4	4/4	2/3	1/3	1/3	4/4	4/4	4/4	0/0	4/4	2/3	(1)	1/1	3/4	1/0	4/4	4/4	0/0	1/1	1/1	1/1	1/1			
Acetonitrile	C ₂ H ₃ N	000075-05-8		F, T	X	1/1	1/1	1/0	4/4	(4)	3/4	(3)	3/4	4/4	4/4	4/4	0/0	0/0	1/1	(1)	(1)	1/1	(3)	(3)	4/4	0/0	(1)	(1)	(1)	0/0			
Acetophenone	C ₈ H ₈ O	000098-86-2		Xn		0/0	1/0	1/0	(4)	(4)	(4)	1/0	1/3	0/4	0/0	4/4	4/4	0/4	1/1	0/0	1/1	1/3	1/0	4/4	4/4	0/0	1/1	(1)	(1)	0/0			
Acetoxybenzoic acid, 2-	-> see: Acetylsalicylic acid																																
Acetyl-5-methyl-2,3-dihydropyran-2,4-dione, -2	-> see: PDehydroacetic acid																																
Acetyl chloride	C ₂ H ₃ ClO	000075-36-5	100 %	F, C	X	0/0	0/0	4/4	4/4	(4)	(4)	4/4	3/4	0/0	0/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	1/0	4/4	0/0	4/4	1/2L	1/1L	0/0				
Acetylene	C ₂ H ₂	000074-86-2	100 %	F+	X	1/0	1/0	1/0	1/0	1/1	0/0	1/0	1/0	0/0	0/0	2/0	4/4	3/0	(1)	1/1	1/0	(1)	1/0	1/0	1/0	0/0	(1)	(1)	(1)	1/1			
Acetylene tetrabromide	-> see: Tetrabromomethane, 1,1,2,2-																																
Acetylene tetrachloride	-> see: Tetrachloroethane-1,1,2,2																																
Acetylsalicylic acid	C ₉ H ₈ O ₄	000050-78-2	100 %	Xn		0/0	0/0	1/0	0/0	(2)	0/0	(3)	1/2	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/2	(2)	(3)	0/0	0/0	1/0	1/0	1/0	1/0				
Acrylonitrile	C ₃ H ₃ N	000107-13-1		F, T	X	1/1	1/3	1/0	4/4	(4)	3/4	(3)	3/4	4/4	4/4	4/4	0/0	1/2	1/1	1/0	3/3	4/4	4/4	4/4	0/0	1/0	1/0	1/0	1/0	1/1			
Acrylic acid butyl ester	-> see: Butyl acrylate																																
Acrylic acid ethyl ester	-> see: Ethyl acrylate																																
Acrylic acid methyl ester	-> see: Methyl acrylate																																
Acrylic acid nitrile	-> see: Acrylonitrile																																
Adipic acid	C ₆ H ₁₀ O ₄	000124-04-9	saturated	Xi		1/1	1/2	0/0	1/1	(2)	1/1	1/3	1/1	1/1	2/2	1/3	1/3	0/0	1/1	1/1	1/1	1/0	1/0	1/0	1/1	0/0	1/0	(2)	(2)	1/1			
Adipic acid dioctyl ester	-> see: Dioctyladipate																																
Acrylic acid	H ₂ SO ₄	007664-93-9	38 %	C		1/1	1/1	4/4	1/1	(4)	1/1	4/4	1/1	1/1	1/1	1/3	3/4	0/0	(1)	1/1	1/1	1/1	1/0	1/1	4/4	0/0	3/4	2/3	2/3	1/1	"Battery acid"		
Alanine	C ₃ H ₇ NO ₂	000056-41-7		—		1/1	1/1	1/1	4/4	(2)	1/1	(1)	1/1	1/1	4/4	4/4	0/0	0/0	1/1	1/1	1/1	(1)	1/0	(1)	(1)	0/0	(2)	(2)	(2)				
Alum	-> see: Potassium aluminium sulphate																																
Alcohol	-> see: Ethanol																																
Allyl acetate	C ₆ H ₉ O ₂	000591-87-7	100 %	F, T	X	0/0	1/3	4/4	4/4	(4)	(4)	(2)	1/3	4/4	0/0	0/0	4/4	0/0	0/0	(1)	1/1	(2)	(3)	4/4	4/4	0/0	(1)	(1)	(1)				
Allyl alcohol	C ₃ H ₆ O	000107-18-6	96 %	F, T	X	1/3	3/3	3/0	3/3	1/0	1/2	(2)	2/2	2/4	2/3	2/3	4/4	4/4	1/1	1/1	1/1	(2)	1/0	4/4	3/0	0/0	1/1	1/1	1/1	1/1			
Allyl chloride	C ₃ H ₅ Cl	000107-05-1	100 %	F, T+	X	(3)	3/4	0/0	(4)	(4)	(2)	4/4	0/0	0/0	4/4	4/4	0/0	0/0	(1)	(2)	1/1	4/4	(3)	4/4	0/0	1/0	(1L)	(1L)	0/0				
Allyl isothiocyanate	-> see: Allyl mustard oil																																
Allyl mustard oil	C ₄ H ₉ NS	000057-06-7		T	X	0/0	0/0	0/0	(4)	(3)	(4)	(2)	(2)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(3)	(3)	(4)	0/0	(1)	(1)	(1)		Oleum Sinapis		
Aluminium (hydroxide) acetate	C ₂ H ₇ AlO ₅	000139-12-8	aqueous	Xn		1/1	1/1	1/1	(1)	1/0	1/1	1/0	1/1	0/0	0/0	1/3	1/3	0/0	1/1	1/1	1/1	(1)	1/0	(3)	3/0	0/0	1/1	1/1	1/1	0/0	"Acetic acid alumina"		
Aluminium ammonium sulphate	(NH ₄) ₂ Al(SO ₄) ₂	007784-26-1	saturated	Xi		1/1	1/1	3/4	(2)	(2)	0/0	3/4	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	(2)	1/1	0/0	1/0	1/2	1/3	0/0				
Aluminium chloride	AlCl ₃	007784-13-6	10 %	?		1/1	1/2	1/0	1/0	(2)	1/1	3/4	1/1	1/1	0/0	1/1	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	4/4	4/4	3/4	1/1				
Aluminium chloride	AlCl ₃	007784-13-6	solid	C		1/1	1/1	3/4	(3)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	(3)	(3)	(3)	0/0	4/4	4/4	3/4	1/1		Hydrochloric acid aluminium salt, anhydrous		
Aluminium chloride	AlCl ₃	007784-13-6	saturated	C		1/1	1/1	3/4	(2)	0/0	0/0	4/4	1/1	0/0	0/0	1/1	0/0	1/1	0/0	1/1	(1)	1/1	(2)	1/0	1/1	0/0	4/4	4/4	3/4	1/1		Hydrochloric acid aluminium salt, anhydrous	
Aluminium fluoride	AlF ₃	007789-18-1	aqueous	Xi		1/1	1/1	(3)	(2)	(2)	1/1	3/4	1/1	0/0	0/0	1/3	1/3	0/0	1/0	1/1	(1)	1/0	1/0	1/1	0/0	1/1	0/0	1/0	0/0	0/0			
Aluminium hydroxide	Al(OH) ₃	021645-51-2		Xi		1/1	1/2	1/1	1/1	1/1	1/2	1/1	1/2	2/2	2/2	1/2	1/1	1/1	1/1	1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	No chemical effect expected due to low solubility		
Aluminium hydroxide diacetate	-> see: Acetic clay																																
Aluminium nitrate	Al(NO ₃) ₃	013473-90-0	aqueous	(O)		1/1	1/0	1/4	1/0	(2)	1/0	3/4	1/1	1/0	1/0	1/0	1/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	0/0	4/4	1/0	1/0	1/1			
Aluminium oxide	Al ₂ O ₃	001344-28-1	solid	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	No chemical effect expected due to low solubility		
Aluminium sulphate	Al ₂ (SO ₄) ₃	010043-01-3	10 %	?		1/1	1/1	1/0	1/0	(2)	1/1	3/4	1/1	1/0	1/0	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/0	1/2	1/1	1/1			
Aluminium sulphate	Al ₂ (SO ₄) ₃	010043-01-3	saturated	Xn		1/1	1/1	3/4	1/0	0/0	1/1	3/4	1/1	0/0	0/0	1/1	0/0	1/1	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/0	2/2	1/2	1/1			
Aluminium trifluoride	-> see: Aluminium fluoride																																
Formic acid	CH ₂ O ₂	000064-18-6	50 %	C, F	X	1/1	1/2	4/4	3/3	0/0	1/2	4/4	1/2	3/3	2/2	2/3	0/0	1/3	1/1	1/1	1/1	3/4	4/4	4/4	0/0	(3)	1/3	1/2	1/1				
Formic acid	CH ₂ O ₂	000064-18-6	98-100 %	C, F+, T	X	1/1	1/2	4/4	3/4	0/0	1/3	4/4	1/3	3/4	3/4	3/4	1/3	3/4	1/1	(1)	1/1	1/1	3/4	4/4	4/4	0/0	1/0	1/3	1/2	1/0			

MEDIUM	FORMULA	CAS NO.	CONCEN TRATION	HAZARD INFORMATION	Thermoplastics													Fluoroplastics			Elastomers			Metals			REMARK					
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI		AL	V2A	V4A	Hastelloy C	
Formic acid	CH ₂ O ₂	000064-18-6	3 %	Xi		1/1	1/2	3/4	1/2	1/0	1/2	2/4	1/2	1/2	2/2	2/3	0/0	0/0		1/1	1/1	1/1	1/1	3/0	(3)	4/4	0/0	(3)	1/2	1/1	1/1	
Formic acid amide	-> see: Formamide																															
Formic acid ethyl ester	-> see: Ethyl formate																															
Formic acid methyl ester	-> see: Methylformia																															
Aminobenzene	-> see: Aniline																															
Aminobutane	-> see: Buylamine																															
Aminoacetic acid	C ₂ H ₃ NO ₂	000056-40-6	10 %	—		1/1	1/1	1/1	1/1	(1)	0/0	1/1	1/1	0/0	0/0	1/3	1/3	0/0	1/1	1/1	1/1	1/1	1/0	3/3	0/0	(2)	(2)	(2)	(2)	0/0		
Aminoethanol, 2-	-> see: Ethanolamine																															
Aminoethanoic acid	-> see: Aminoacetic acid																															
Amonimethane	-> see: Methylamine, (mono-)																															
Aminopropane	-> see: Propylamine, n-																															
Aminopropionic acid, L-2-	-> see: Alanine, (L-)																															
Ammonia	-> see: Ammonium hydroxide																															
Ammonia, sulphuric acid	-> see: Ammonium sulphate																															
Ammonia water	-> see: Ammonium hydroxide																															
Ammonium 2-hydroxyacetate	-> see: Ammonium glycolate																															
Ammonium acetate	C ₂ H ₇ NO ₂	000631-61-8	saturated	Xi		1/1	1/1	1/0	1/1	(2)	1/1	(1)	1/1	1/1	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/0	(3)	2/2	0/0	1/1	(2)	(2)	1/1		
Ammonium alum	-> see: Aluminium ammonium sulphate																															
Ammonium aluminium sulphate	-> see: Aluminium ammonium sulphate																															
Ammonium bicarbonate	-> see: Ammonium hydrogen carbonate																															
Ammonium bifluoride	-> see: Ammonium hydrogen difluoride																															
Ammonium carbonate	(NH ₄) ₂ CO ₃	010361-29-2	50 %	Xn		1/1	1/1	1/0	3/0	0/0	1/0	(2)	1/1	1/1	1/0	1/3	1/0	1/1	0/0	1/1	1/1	1/1	1/0	3/0	4/4	0/0	1/1	1/1	1/1	1/1	Hartshorn salt	
Ammonium carbonate	(NH ₄) ₂ CO ₃	010361-29-2	aqueous	Xn		1/1	1/1	1/0	(3)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	3/0	4/4	0/0	1/1	1/1	1/1	1/1	Hartshorn salt	
Ammonium chloride	(NH ₄)Cl	012125-02-9	solid	Xn		1/1	1/1	1/0	1/0	(2)	0/0	2/3	1/1	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/0	1/1	0/0	3/4	1/3L	1/2L	1/1	Ammonia	
Ammonium chloride	(NH ₄)Cl	012125-02-9	aqueous	Xn		1/1	1/1	1/0	1/0	(2)	1/1	2/3	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/4	1/3L	1/2L	1/1	Ammonia	
Ammonium dihydrogen phosphate	(NH ₄)H ₂ PO ₄	007722-76-1	any	Xi		1/1	1/1	1/0	(2)	(2)	1/0	(2)	1/1	1/1	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/0	3/0	1/1	0/0	4/4	(1)	(1)	(1)	1/1		
Ammonium iron(II) sulfate	(NH ₄) ₂ Fe(SO ₄) ₂	007783-85-9		Xi		1/1	1/1	(2)	(2)	(2)	0/0	(3)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(1)	0/0	4/4	(1)	(1)				
Ammonium iron(III) sulfate	(NH ₄)Fe(SO ₄) ₂	007783-83-7	saturated	Xi		1/1	1/1	1/0	(2)	(2)	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	(2)	(1)	0/0	(4)	0/0	0/0				
Ammonium fluoride	(NH ₄)F	012125-01-8	saturated	T, C		1/1	1/1	1/0	4/4	(2)	1/0	(2)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	2/3	1/1	0/0	(4)	(1)	(1)	?		
Ammonium fluoride	(NH ₄)F	012125-01-8	aqueous	T, C		1/1	1/1	1/0	(3)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	2/3	1/1	0/0	(4)	1/3	1/3	1/3	1/1		
Ammonium glycolate	C ₂ H ₇ NO ₃	035249-89-9		(Xi)		1/1	1/2	(1)	2/3	(2)	1/2	(2)	1/2	1/1	2/2	1/1	0/0	1/1	0/0	1/1	1/1	(1)	1/0	(3)	(1)	0/0	(2)	(2)				
Ammonium heptamolybdate	(NH ₄) ₆ Mo ₇ O ₂₄	012054-85-2		Xi		1/1	1/1	(1)	(2)	(2)	0/0	(1)	1/1	1/1	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	1/0	(3)	(1)	0/0		(1)	(1)	0/0		
Ammonium hydrogen carbonate	CH ₃ NO ₃	001066-33-7	saturated	Xi		1/1	1/1	1/0	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	(3)	0/0	1/1	1/1	1/1	1/1		
Ammonium hydrogen difluoride	F ₂ H ₂ N	001341-49-7	50 %	T, C		1/1	1/1	2/0	(4)	0/0	0/0	(4)	1/1	0/0	0/0	1/3	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	2/3	0/0	(3)	1/0	1/0			
Ammonium hydrogen sulphide	-> see: Ammonium hydrosulphide																															
Ammonium hydrosulphide	(NH ₄)HS	012124-99-1	any	T, C		1/1	1/1	1/0	(3)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	(3)	(2)	0/0	(2)	(1)	(1)	1/1		
Ammonium hydroxide	NH ₃ + H ₂ O	001336-21-6	30 %	C, N		1/1	1/2	(3)	4/4	2/4	1/2	1/2	1/2	2/3	1/2	0/0	0/0	0/0	1/1	1/1	1/1	(2)	1/0	(3)	2/3	0/0	1/1	1/1	1/1	1/1	1/1	
Ammonium hydroxide	NH ₃ + H ₂ O	001336-21-6	5 %	Xi		1/1	1/1	(2)	3/4	(2)	1/1	1/2	1/1	1/3	2/2	1/1	0/0	0/0	1/1	1/1	1/1	(2)	1/0	(2)	2/3	0/0	1/1	1/1	1/1	1/1	1/1	
Ammonium hydroxide	NH ₃ + H ₂ O	001336-21-6		C/Xi, N		1/1	1/1	(3)	4/4	2/4	1/1	1/2	1/1	2/3	2/3	1/2	1/3	2/2	1/1	1/1	1/1	1/3	1/0	(3)	4/4	0/0	1/1	1/1	1/1	1/1	1/1	
Ammonium metaphosphate	(NH ₄ PO ₃) _n	068333-79-9		Xi		1/1	1/1	(1)	(2)	(2)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	1/0	(3)	1/1	0/0	(3)	(1)	(1)			
Ammonium molybdate	-> see: Ammonium heptamolybdate																															
Ammonium monophosphate, monobasic	-> see: Ammonium dihydrogen phosphate																															
Ammonium nitrate	(NH ₄)NO ₃	006484-52-2	10 %	O		1/3	0/0	1/0	(1)	(2)	0/0	2/4	1/1	1/1	1/0	1/3	0/0	0/0	1/1	1/1	1/1	1/1	1/0	2/2	1/1	0/0	1/1	1/1	1/1	1/1	1/1	
Ammonium nitrate	(NH ₄)NO ₃	006484-52-2	saturated	O		1/3	1/1	1/0	1/0	(2)	1/1	2/4	1/1	1/0	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/0	2/2	1/1	0/0	(2)	1/1	1/1	1/1	1/1	
Ammonium nitrite	(NH ₄)NO ₂	013446-48-5	aqueous	O, Xn		(1)	(1)	(2)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	(3)	1/0	0/0	(2)	(1)	(1)			
Ammonium oxalate	C ₂ H ₈ N ₂ O ₄	014258-49-2		Xn		1/1	1/2	(1)	1/1	(2)	1/2	(2)	1/2	1/1	1/1	1/1	0/0	0/0	1/1	1/1	1/1	(1)	1/0	(3)	(1)	0/0	1/1	1/1	1/1	0/0		
Ammoniumperoxodisulfat	(NH ₄) ₂ S ₂ O ₈	007727-54-0	saturated	O, Xn		0/0	0/0	4/4	(2)	0/0	0/0	(2)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	4/4	0/0	4/4	(4)	3/4	0/0		
Ammoniumperoxodisulfat	(NH ₄) ₂ S ₂ O ₈	007727-54-0	aqueous	O, Xn		0/0	0/0	4/4	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	4/4	0/0	4/4	(4)	3/4	0/0		
Ammonium persulphate	-> see: Ammonium peroxodisulphate																															
Ammonium phosphate, primary	-> see: Ammonium dihydrogen phosphate																															
Ammoniumpolyphosphat	-> see: Ammonium metaphosphate																															
Ammonium rhodanide	-> see: Ammonium thiocyanate																															
Ammonium sulphate	(NH ₄) ₂ SO ₄	007783-20-2	10 %	Xn		1/1	1/1	1/0	1/1	(2)	(1)	1/0	1/1	1/1	1/0	1/3	0/0	0/0	1/1	1/1	1/1	1/1	1/0	2/3	1/1	0/0	1/1	1/1	1/1	1/1	1/1	
Ammonium sulphate	(NH ₄) ₂ SO ₄	007783-20-2	saturated	Xn		1/1	1/1	1/0	1/1	(2)	1/1	2/0	1/1	1/0	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/0	2/3	1/1	0/0	1/1	1/1	1/2	1/1	1/1	
Ammonium sulphide	(NH ₄) ₂ S	012135-76-1	any	T, C	X	1/1	1/1	1/0	4/4	0/0	1/1	(2)	1/1	0/0	0/0	1/3	1/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	1/2	0/0	1/1	(1)	(1)	?		
Ammonium sulphide	(NH ₄) ₂ S	012135-76-1	aqueous	T, C	X	1/1	1/1	1/0	(3)	0/0	0/0	(2)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	3/2	0/0	1/1	(1)	(1)	1/1	1/1	

Two values are given for each medium:
left number = value at +20°C / right number = value at +50°C

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A			
Ammonium sulphocyanide	-> see: Ammonium thiocyanate																															
Ammonium thiocyanate	CH ₃ N ₂ S	001762-95-4		Xn		1/1	1/1	(3)	1/0	(2)	1/1	1/0	1/1	1/3	0/0	1/0	0/0	1/1	1/1	1/1	1/1	(1)	1/0	(3)	1/0	0/0	(2)	(1)	(1)			
Ammonium nitrate	-> see: Ammonium nitrate																															
Amylacetate, n-	C ₇ H ₁₄ O ₂	000628-63-7		—	X	1/2	2/3	2/0	4/4	1/3	2/3	(1)	3/4	4/4	4/4	4/4	4/4	1/1	1/1	1/1	1/3	3/4	4/4	4/4	0/0	1/1	1/1	1/1	0/0			
Amyl alcohol, n-	C ₅ H ₁₂ O	000071-41-0		Xn	X	1/1	1/2	1/0	1/0	1/0	2/3	1/0	1/1	1/3	3/0	2/3	3/0	0/4	1/1	1/1	1/1	1/1	3/0	2/4	3/0	0/0	1/2	1/1	1/1	0/0		
Anym chloride	C ₃ H ₇ Cl	000543-59-9		F, Xn	X	3/4	4/4	1/0	4/4	0/0	4/4	(2)	4/4	4/4	4/4	4/4	0/0	1/1	1/1	1/1	1/1	1/1	4/4	1/0	4/4	0/0	3/4	3/4L	3/4L	0/0		
Amyl hydrosulphide	-> see: Pentanthiol, 1-																															
Amyl mercaptan	-> see: Pentanthiol, 1-																															
α-pentylcinnamaldehyde	C ₁₄ H ₁₈ O	000122-40-7		Xi		0/0	0/0	0/0	(4)	0/0	(4)	(3)	(3)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(4)	(3)	(4)	0/0	(1)	(1)	(1)		Fragrance	
Pineapple juice	—	—		—		1/1	1/1	1/0	(2)	1/0	0/0	(2)	1/1	1/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(2)	(1)	0/0	(2)	(1)	(1)			
Aniline	C ₆ H ₇ N	000062-53-3		T		1/2	1/3	3/4	4/4	0/0	2/3	1/3	2/3	4/4	4/4	4/4	0/4	2/4	1/1	1/1	1/4	4/4	2/4	4/4	0/0	1/0	1/0	1/0	1/1			
Aniline chlorohydrate	C ₆ H ₇ ClN	000142-04-1	saturated	T		1/3	0/0	(3)	(3)	0/0	0/0	(3)	1/3	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	3/0	2/2	3/3	0/0	4/4	4/4	4/4			
Aniline hydrochloride	-> see: Aniline chlorohydrate																															
Anilinium chloride	-> see: Aniline chlorohydrate																															
Anise	—	—		?		0/0	0/0	(2)	(2)	(2)	0/0	(2)	(2)	0/0	0/0	0/0	0/0	1/1	0/0	1/1	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)			
Anise oil	C ₇ H ₈ O	000100-66-3	100 %	Xi	X	1/4	3/4	1/0	4/4	0/0	2/3	(2)	3/3	4/4	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(3)	4/4	4/4	4/4	0/0	1/0	(1)	(1)	0/0		
Anise oil	—	084775-42-8		Xi		0/0	0/0	(3)	(3)	0/0	(4)	(2)	(3)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	4/4	(3)	4/4	0/0	(1)	(1)	(1)	0/0		
Anon	-> see: Cyclohexanone																															
Antimony (III) chloride	-> see: Antimony trichloride																															
Antimony (V) chloride	-> see: Antimony pentachloride																															
Antimony pentachloride	SbCl ₅	007647-18-9		C		0/0	0/0	4/4	(3)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(2)	(2)	(2)	4/4	0/0	(3)	(4)	(4)	0/0		
Antimony trichloride	SbCl ₃	010025-91-9	90 %	C		1/1	1/1	4/4	1/0	0/0	0/0	4/4	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	3/0	0/0	4/4	4/4	4/4	0/0		
Antimony trichloride	SbCl ₃	010025-91-9	anhydrous	C		0/0	0/0	4/4	1/0	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	1/0	1/0	1/0	0/0	1/1	4/4	4/4			
Antimony trichloride	SbCl ₃	010025-91-9	aqueous	C		0/0	0/0	4/4	(3)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	1/1	1/0	1/1	3/0	0/0	4/4	4/4	4/4			
Apple juice	—	—		—		1/1	1/1	(1)	1/0	1/0	0/0	(2)	1/1	1/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	(1)	0/0	(2)	(1)	(1)				
Orange juice	—	—		—		1/1	1/1	1/0	1/0	1/0	0/0	(2)	1/1	1/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	1/0	(1)	(2)	0/0	(2)	1/1	1/1				
Orange peel oil	—	008028-48-6		Xn		(3)	(3)	1/0	(3)	0/0	(4)	1/0	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(3)	4/4	(2)	(3)	0/0	(1)	(1)	(1)		mainly +-Limes	
Arcton 12	-> see: Dichlorodifluoromethane																															
Arcton 21	-> see: Dichlorodifluoromethane																															
Arcton 22	-> see: Chlorodifluoromethane																															
Arsenic anhydride	-> see: Arsenic pentoxide																															
Arsenic pentoxide	As ₂ O ₅	001303-28-2		T, N		1/1	1/1	(3)	(2)	0/0	0/0	(4)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(2)	(2)	(3)	(3)	0/0	(3)	(1)	(1)			
Arsenic acid	H ₃ AsO ₄	022538-92-7	aqueous	T, N		1/1	0/2	(3)	1/0	0/0	0/0	4/4	1/1	1/1	0/0	1/3	3/0	0/0	1/1	1/1	1/1	1/1	1/0	2/2	1/1	0/0	4/4	1/0	1/1	1/1		
Arsenic acid	H ₃ AsO ₄	022538-92-7	80 %	T, N		1/1	0/2	(3)	1/0	0/0	0/0	4/4	1/1	1/1	0/0	1/3	3/0	0/0	1/1	0/0	1/1	1/1	1/0	2/2	1/1	0/0	4/4	1/0	1/1	1/1		
Arsenic anhydride	-> see: Arsenic pentoxide																															
Ascorbic acid	C ₆ H ₈ O ₆	000050-81-7	aqueous	—		1/1	1/1	(2)	(2)	(1)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	(1)	0/0	1/1	(1)	(1)	0/0		
Ether	-> siehe: Ethylether																															
Atropine sulphate	C ₃₄ H ₄₈ N ₂ SO ₁₀ ·H ₂ O	000055-48-1		T+		1/1	1/1	(2)	(1)	(2)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(2)	(2)	(1)	0/0	(2)	(1)	(1)			
Caustic baryte	-> see: Barium hydroxide																															
Caustic potash	-> see: Potassium hydroxide																															
Caustic lime	-> see: Calcium oxide																															
Caustic soda	-> see: Sodium hydroxide																															
Azafluorene, 9-	-> siehe: Carbazole																															
Valerian drops	—	—		?		0/0	0/0	(2)	(2)	(2)	0/0	(2)	(2)	4/4	0/0	0/0	0/0	1/0	0/0	1/1	1/1	(1)	(3)	(3)	(2)	0/0	(2)	(1)	(1)			
Barium bromide	BaBr ₂	010553-31-8		Xn		1/1	1/1	(2)	(2)	1/0	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	1/0	(1)	1/1	0/0	(2)	(2L)	(2L)			
Barium carbonate	BaCO ₃	000513-77-9	saturated	Xn		1/1	1/1	1/1	(1)	1/1	1/1	(1)	1/1	1/1	0/0	1/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	1/1	No chemical effect expected due to low solubility	
Barium chloride	BaCl ₂	010361-37-2	saturated	T		1/1	1/1	1/0	1/0	1/0	1/1	(2)	1/1	1/1	1/0	1/3	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/0	1/1	0/0	1/1	1/2L	1/1L	1/1		
Barium chloride	BaCl ₂	010361-37-2</																														

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MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK		
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A	V4A
Brake fluid	—	—	—	?		1/0	1/0	1/0	4/4	0/0	1/1	(3)	1/1	3/0	0/0	1/0	3/0	4/4	0/0	(1)	1/0	(3)	1/0	4/4	4/4	0/0	(1)	(1)	(1)		
Bromine	Br ₂	007726-95-6		T+, C		4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	2/4	4/4	4/4	1/2	1/1	1/3	1/1	4/4	4/4	4/4	0/0	(4)	4/4	4/4	4/4	
Bromine benzene	-> see: Bromobenzene																														
Bromobenzene	C ₆ H ₅ Br	000108-86-1		Xn	X	3/4	4/4	1/0	4/4	(2)	4/4	1/0	4/4	4/4	4/4	4/4	0/0	0/0	2/4	1/1	1/0	1/1	4/4	3/0	4/4	0/0	1/1	(1)	(1)		
Bromochloromethane	CH ₂ BrCl	000074-97-5	100 %	Xn		(4)	(4)	4/4	4/4	1/0	(4)	(3)	4/4	4/4	0/0	4/4	4/4	4/4	0/0	(1)	1/0	(3)	4/4	3/0	4/4	0/0	(3)	0/0	0/0	0/0	
Bromine vapours	Br ₂	007726-95-6		T		(4)	(4)	4/4	(3)	4/4	(4)	4/4	4/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/0	(1)	4/4	(2-3)	4/4	0/0	(3)	(4)	(4)	4/4	
Bromine potassium	-> see: Potassium bromide																														
Bromomethane	CH ₃ Br	000074-83-9	tech. pure	T		3/0	4/4	1/0	(3)	0/0	0/0	1/0	4/4	4/4	0/0	4/4	4/4	0/0	0/0	1/0	1/0	1/1	4/4	1/0	4/4	0/0	4/4	1/1L	1/1L	0/0	
Bromoform	CHBr ₃	000075-25-2		T		4/4	4/4	4/4	4/4	4/4	(4)	4/4	4/4	4/4	4/4	0/0	0/0	2/3	1/1	(1)	(2)	4/4	(4)	4/4	0/0	(3)	0/0	0/0	0/0	0/0	
Bromopental fluoride	BrF ₅	007789-30-2		F, T, C		0/0	0/0	4/4	(4)	(4)	(4)	4/4	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(2)	(3)	4/4	4/4	4/4	0/0	(3)	(4)	(4)		
Bromic acid	HBrO ₃	007789-31-3	concentrated	C		0/0	0/0	(4)	(4)	(4)	0/0	4/4	3/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	(4)	(2)	4/4	0/0	(4)	(4)	(4)	(4)	0/0	
Bromine trifluoride	BrF ₃	007787-71-5		T, C		0/0	0/0	4/4	(4)	4/4	(4)	4/4	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(2)	(3)	4/4	4/4	4/4	0/0	(3)	(4)	(4)			
Bromotrifluoromethane	CBrF ₃	000075-63-8		N		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	3/0	1/0	0/0	(3)	0/0	0/0			
Bromine water	Br ₂ +H ₂ O	007726-95-6	saturated	T		4/4	4/4	4/4	(4)	4/4	4/4	4/4	4/4	0/0	3/4	0/0	0/0	0/0	0/0	1/1	1/0	1/1	4/4	(2-3)	4/4	0/0	(4)	4/4	4/4	0/0	
Hydrobromic acid	HBr	010035-10-6	40 %	C		1/0	1/1	4/4	4/4	(4)	4/4	4/4	1/1	4/4	0/0	1/1	3/3	0/0	0/0	1/1	1/1	1/1	3/0	1/0	4/4	0/0	(4)	(4)	(4)	0/0	
Hydrobromic acid	HBr	010035-10-6	50 %	C		1/1	1/2	4/4	4/4	(4)	4/4	4/4	1/2	4/4	0/0	1/1	3/3	0/0	1/1	1/1	1/1	1/1	3/0	1/0	4/4	0/0	(4)	(4)	(4)	0/0	
Hydrobromic acid	HBr	010035-10-6	diluted	C		1/1	1/1	4/4	4/4	3/0	4/4	4/4	1/1	4/4	0/0	1/3	3/0	0/0	0/0	1/1	1/1	1/1	3/0	1/0	4/4	0/0	(4)	(4)	(4)	0/0	
Butadiene, 1,3-	C ₄ H ₆	000106-99-0		F+, T	X	3/4	4/4	1/0	4/4	1/0	4/4	(2)	4/4	4/4	4/4	3/4	0/0	0/0	1/1	1/1	1/1	1/1	4/4	3/0	4/4	0/0	1/1	(1)	(1)	4/4	
Butane	C ₄ H ₁₀	000106-97-8	tech. pure	F+	X	1/0	1/1	1/0	1/0	1/0	1/0	2/0	1/1	4/4	1/0	1/0	3/0	1/0	0/0	1/1	1/1	1/0	4/4	1/0	1/0	0/0	1/1	(1)	(1)	1/1	
Butanal	-> see: Butyraldehyde																														
Butanediol	-> see: Butylene glycol																														
Butanedioic acid	-> see: Succinic acid																														
Butanol	C ₄ H ₁₀ O	000071-36-3	techn. pure	Xn	X	1/1	1/3	1/0	2/3	1/0	1/2	1/2	1/2	1/2	2/3	2/3	4/4	1/3	1/1	1/1	1/1	1/1	2/0	3/4	1/0	0/0	1/1	(1)	(1)	0/0	
Butanol, secondary	-> see: Butyl alcohol, secondary																														
Butanol, tertiary	-> see: Butyl alcohol, tertiary																														
Butanol-2	-> see: Butyl alcohol, secondary																														
Butanone	-> see: Methyl ethyl ketone																														
Butanoic acid	-> see: Butyric acid																														
Butanetriol	C ₄ H ₁₀ O ₃	—	100 %	—		(4)	1/1	(1)	(2)	(2)	0/0	(1)	1/1	0/0	0/0	3/3	4/4	0/0	0/0	1/1	1/1	(1)	1/0	1/0	1/0	0/0	(1)	(1)	(1)		Isomer not specified in the source
Butene	C ₄ H ₈	—	tech. pure	F+	X	4/4	0/0	1/0	(1)	1/0	0/0	1/0	4/4	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/0	1/0	3/0	1/0	3/0	0/0	1/1	(1)	(1)	0/0	Isomer not specified in the source
Butenal, trans-2-	-> see: Crotonaldehyde																														
Butenedioic acid, cis-	-> see: Maleic acid																														
Butoxyethanol, 2-	-> see: Butyl glycol																														
Butter	—	—		—		1/0	1/0	1/0	1/0	1/0	0/0	1/1	1/1	1/1	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	3/0	1/0	1/1	0/0	(1)	(1)	(1)		
Buttersäure	C ₄ H ₈ O ₂	000107-92-6		C		3/4	4/4	3/3	4/4	0/0	4/4	4/4	4/4	4/4	2/2	2/4	4/4	4/4	1/1	1/1	1/1	1/1	4/4	3/4	4/4	0/0	1/2	1/2	1/1	1/1	
Butyric acid ethyl ester	-> see: Ethyl butyrate																														
Butyl acetate	-> see: Acetic acid butyl ester																														
Butyl acrylate	C ₇ H ₁₂ O ₂	000141-32-2	100 %	Xi	X	1/2	2/3	2/0	4/4	1/3	2/3	(2)	3/4	4/4	4/4	4/4	4/4	1/1	1/1	1/1	1/3	4/4	4/4	4/4	0/0	1/1	1/1	1/1	1/0		
Butyl alcohol	-> see: Butanol																														
Butyl alcohol, secondary	C ₄ H ₁₀ O	000078-92-2		Xn	X	1/1	1/2	(1)	2/3	1/0	1/2	(1)	1/2	2/2	2/3	2/2	0/0	0/0	1/1	1/1	1/1	1/1	3/0	(1)	(2)	0/0	1/1	(1)	(1)		
Butyl alcohol, tertiary	C ₄ H ₁₀ O	000075-65-0		F, Xn	X	1/1	1/2	(1)	2/3	1/0	1/2	(1)	1/2	1/1	2/3	1/2	0/0	0/0	1/1	1/1	1/1	1/1	3/0	(1)	(2)	0/0	1/1	(1)	(1)		
Butylamine	C ₄ H ₁₁ N	000109-73-9		F, C	X	0/0	0/0	0/0	(3)	0/0	0/0	3/4	2/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Butyl carbinol	-> see: Amyl alcohol, n-																														
Butyl cellosolve	-> see: Butyl glycol																														
Butylene	-> see: Butene																														
Butylen glycol	C ₄ H ₁₀ O ₂	—	tech. pure	—		1/1	1/1	1/0	1/0	1/0	0/0	1/0	1/1	0/0	0/0	1/3	0/0	0/0	0/0	1/1	1/1	1/1	1/0	4/4	(1)	0/0	1/1	(1)	(1)	0/0	Isomer not specified in the source
Butyl ether	-> see: Dibutyl ether																														
Butyl ethylene	-> see: Hexene, 1-																														
Butyl glycol	C ₄ H ₁₄ O ₂	000111-76-2	100 %	Xn	X	0/0	1/0	1/0	(2)	1/0	0/0	1/0	1/0	0/0	0/0	4/4	4/4	0/0	0/0	1/1	1/0	1/1	3/0	3/4	3/4	0/0	1/1	(1)	(1)	0/0	
Butylphenol	C ₁₀ H ₁₄ O	—	100 %	Xi		0/0	1/1	(3)	(3)	0/0	(3)	(4)	1/1	0/0	0/0	3/4	4/4	0/0	0/0	(1)	1/1	1/1	4/4	3/0	4/4	0/0	1/1	1/1	1/1	1/1	Isomer not specified in the source
Para tertiary butylphenol	C ₁₁ H ₁₅ NO	000098-54-4	tech. pure	C, Xn		3/0	0/0	(3)	(3)	0/0	(3)	(4)	1/0	0/0	0/0	3/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	3/0	4/4	0/0	1/1	1/1	1/1		
Butyl stearate	-> see: Stearic acid butyl ester																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK										
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A														
Butyraldehyde	C ₄ H ₈ O	000123-72-8		F, Xn	X	0/0	0/0	(3)	(3)	0/0	(4)	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	(3)	3/0	4/4	4/4	0/0	(1)	(1)														
Cadmium bromide	CdBr	007789-42-6		T		1/1	1/1	(3)	(2)	(2)	0/0	(3)	(1)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	(2)	(2)	(2)	0/0	4/4	0/0	0/0													
Calcium acetate	C ₄ H ₆ CaO ₄	000062-54-4	aqueous	—		1/1	1/1	(2)	(1)	(2)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	4/4	3/3	0/0	(2)	(1)	(1)	0/0													
Calcium bicarbonate	Ca(HCO ₃) ₂	—	saturated	—		1/1	1/1	1/1	(1)	(1)	0/0	1/1	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/0	(1)	(1)	0/0	(2)	(1)	(1)	0/0													
Calcium bisulphite	Ca(HSO ₃) ₂	013780-03-5	saturated	Xn		1/1	1/1	(3)	(2)	0/0	0/0	4/4	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	1/0	3/3	0/0	(3)	1/1	1/3	1/1													
Calcium bromide	CaBr ₂	007789-41-5	aqueous	Xn		1/1	1/1	(3)	(2)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	1/0	3/3	0/0	(3)	1/1	1/3	1/1													
Calcium bromide	CaBr ₂	007789-41-5		?		1/1	1/1	(2)	(1)	(2)	0/0	(3)	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	(1)	(1)	(1)	0/0	(3)	0/0	0/0	0/0												
Calcium carbide	CaC ₂	000075-20-7		F	X	1/1	1/1	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	(2)	(2)	(2)	0/0	(3)	(1)	(1)	0/0												Carbide, reacts with water to form acetylene - highly flammable!	
Calcium carbonate	CaCO ₃	000471-34-1	saturated	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0												No chemical effect expected due to low solubility		
Calcium chlorate	Ca(ClO ₃) ₂	010137-74-3	saturated	O, (T)		0/0	0/0	(3)	(2)	0/0	1/1	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	1/1	(2)	(1)	(3)	0/0	1/1	(1)	1/0	1/1													
Calcium chloride	CaCl ₂	010043-52-4	alcoholic	F, Xi		1/0	0/0	4/4	(2)	0/0	1/0	(3)	1/1	0/0	0/0	0/0	4/4	0/0	0/0	1/1	1/0	(1)	(2)	(2)	(2)	0/0	(3)	1/2L	1/2L	1/1													
Calcium chloride	CaCl ₂	010043-52-4	aqueous	Xi		1/1	1/1	1/0	1/0	1/0	1/1	(3)	1/1	1/1	1/0	1/3	1/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/3	1/2L	1/2L	1/1													
Calcium hydrate	-> see: Calcium hydroxide																																										
Calcium hydrogen carbonate	-> see: Calcium bicarbonate																																										
Calcium hydrogen sulphite	-> see: Calcium bisulphite																																										
Calcium hydroxide	CaH ₂ O ₂	001305-62-0	aqueous	(Xi)		1/1	1/1	1/0	4/4	1/0	1/1	1/1	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/0	0/0	3/4	1/1	1/1	0/0													
Calcium hydroxide	CaH ₂ O ₂	001305-62-0	concentrated	C		1/1	1/1	1/0	4/4	1/0	1/1	1/1	1/1	2/2	2/2	1/1	1/0	0/0	1/1	1/1	1/1	1/3	1/0	1/1	1/0	0/0	3/4	1/1	1/1	0/0													
Calcium hypochlorite	Ca(OCl) ₂	007778-54-3	saturated	O, C		1/1	1/1	1/4	3/4	3/0	1/2	1/0	1/1	2/3	1/1	2/3	3/0	1/1	1/1	1/1	1/1	1/3	(2)	2/3	4/4	0/0	4/4	3/0	2/0	1/1													
Calcium hypochlorite	Ca(OCl) ₂	007778-54-3	aqueous	O, C/Xi		0/0	0/0	4/4	1/0	3/0	0/0	1/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	2/3	4/4	0/0	4/4	3/0	2/0	1/1													
Calcium nitrate	Ca(NO ₃) ₂	010124-37-5	50 %	O		1/1	1/1	(2)	1/0	(2)	1/1	(3)	1/1	1/1	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	4/4	0/0	1/0	1/1	1/1	1/1													
Calcium nitrate	Ca(NO ₃) ₂	010124-37-5	aqueous	O		1/1	1/1	(2)	(1)	(2)	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/0	1/1	1/1	1/1													
Calcium oxide	CaO	001305-78-8	Powder	C		1/0	1/1	(2)	(2)	(2)	0/0	0/0	1/1	1/1	0/0	1/0	1/0	1/1	1/1	1/1	1/1	(1)	1/0	1/0	1/0	0/0	(3)	1/1	1/1														
Calcium phosphate	Ca ₃ (PO ₄) ₂	007758-87-4	aqueous	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(1)	1/1	1/1	0/0												No chemical effect expected due to low solubility	
Calcium phosphate	Ca ₃ (PO ₄) ₂	007758-87-4		—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(1)	1/1	1/1	0/0												No chemical effect expected due to low solubility	
Calcium sulphate	CaSO ₄	007778-18-9	saturated	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/3	1/1	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0													
Calcium sulphide	CaS	020548-54-3	aqueous	C		0/0	0/0	(2)	(2)	0/0	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	1/0	1/0	(1)	(1)	0/0													
Calcium sulphide	CaS	020548-54-3		C		0/0	3/3	(2)	(2)	0/0	0/0	(1)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/3	0/0	1/0	(1)	(1)	0/0													
Camphor	C ₁₀ H ₁₆ O	000464-48-2 / -49-2		F, Xn	X	3/4	3/4	(2)	(3)	0/0	0/0	(2)	1/0	1/3	0/0	4/4	4/4	1/1	0/0	(1)	1/0	(3)	4/4	3/4	1/0	0/0	(1)	1/0	1/0	1/0													
Camphor oil	—	008008-51-3		Xn		4/4	4/4	(2)	(3)	0/0	0/0	(2)	4/4	0/0	0/0	4/4	4/4	0/0	0/0	(1)	(2)	(3)	4/4	3/0	1/0	0/0	(1)	(1)	(1)	1/0													
Paracymene	-> see: Cymene, p-																																										
Capronaldehyde	-> see: Hexanal																																										
Carbazole	C ₁₂ H ₉ N	000086-74-8		Xn		1/1	1/1	(2)	4/4	0/0	1/1	(1)	1/1	1/1	4/4	4/4	0/0	4/4	1/1	1/1	(2)	(2)	(2)	(3)	(2)	0/0	(1)	(1)	(1)	0/0													
Carbinol	-> see: Methanol																																										
Carbolineum	—	008001-58-9	aqueous	(Xn)		1/0	1/0	1/0	(3)	1/0	0/0	1/0	1/0	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/0	(2)	3/0	1/0	3/3	0/0	(2)	(1)	(1)	0/0													
Carbolic acid	-> see: Phenol																																										
Carbon disulfide	-> see: Carbon disulphide																																										
Carbonyl chloride	-> see: Phosgene																																										
Carnauba wax	—	008015-86-9		—		1/1	1/1	1/1	(1)	1/0	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	(3)	(1)	(1)	0/0	1/1	(														

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MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMMA	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A			
Chloric acid	HClO ₃	007790-93-4	10 %	(O), C		1/0	0/0	4/4	(3)	0/0	0/0	4/4	4/4	0/0	0/0	1/3	0/0	0/0	0/0	0/0	0/0	1/1	1/1	3/0	3/0	4/4	0/0	4/4	4/4	4/4	1/1	
Chloric acid	HClO ₃	007790-93-4	20 %	(O), C		3/0	1/4	4/4	(3)	(4)	0/0	4/4	1/4	0/0	0/0	1/3	0/0	0/0	0/0	0/0	0/0	1/1	1/0	3/0	3/0	4/4	0/0	4/4	4/4	4/4	?	
Chlorosulfonic acid	ClHSO ₃	007790-94-5	tech. pure	C+		4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	3/0	4/4	4/4	0/0	0/0	1/0	3/4	4/4	4/4	4/4	0/0	3/3	3/4	3/4	1/0		
Chlorotoluene	C ₇ H ₇ Cl	—		Xn		0/0	0/0	(2)	4/4	0/0	(4)	(1)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	1/0	4/4	0/0	(3)	1/0	1/0	1/1	Isomer not specified in the source
Chlorotoluene, alpha-	-> see: Benzyl chloride																															
Chlorine trifluoride	ClF ₃	007790-91-2		(O, T)		0/0	0/0	4/4	(4)	4/4	(4)	4/4	(4)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(2)	(4)	4/4	(4)	4/4	0/0	(4)	(4)	(4)			
Chlorotrifluoromethane	CClF ₃	000075-72-9		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	3/0	1/0	0/0	(3)	0/0	0/0	0/0	0/0		
Chlorinated water	Cl ₂ x H ₂ O	007782-50-5		(T)		3/0	0/4	4/4	4/4	4/4	4/4	4/4	3/4	4/4	0/0	3/3	3/0	3/3	1/1	(1)	1/1	1/1	3/0	1/0	4/4	0/0	4/4	2/0L	2/0L	0/0	0/0	
Hydrochloric acid gas	HCl	007647-01-0	anhydrous	T, C		1/1	0/0	4/4	(3)	4/4	0/0	4/4	1/1	0/0	0/0	1/3	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	4/4	0/0	(4)	2/2L	2/2L	0/0		
Hydrochloric gas	-> see: Hydrogen acid																															
Hydronium chloride	-> see: Hydrochloric acid																															
Chlorozinc	-> see: Zinc chloride																															
Chromium (III) potassium sulphate dodecahydrate	-> see: Chrome alum																															
Chromium (VI) oxide	-> see: Chromic acid																															
Chrome alum	KCr(SO ₄) ₂ x 12H ₂ O	007788-99-0	saturated	Xn		1/1	0/0	(2)	1/0	(2)	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	(3)	1/3	1/3	1/1	
Chromium salts	—	—	any	T/Xn		0/0	0/0	0/0	(2)	(2)	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(1)	(1)	0/0	K	K	K	K		
Chromic acid	CrO ₃	001333-82-0	10 %	O, T, C, N		1/1	1/1	4/4	2/3	3/0	1/1	4/4	1/1	1/1	4/4	1/2	0/0	0/3	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	1/3	1/2	1/2	1/1		
Chromic acid	CrO ₃	001333-82-0	20 %	O, T, C, N		0/0	1/3	4/4	3/4	(4)	0/0	4/4	3/3	1/0	1/0	1/0	1/0	0/0	0/0	1/1	1/1	1/1	4/4	1/1	4/4	0/0	1/3	(2)	(2)	1/1		
Chromic acid	CrO ₃	001333-82-0	50 %	O, T, C, N		3/4	3/4	4/4	3/4	(4)	2/3	4/4	3/3	3/3	4/4	1/3	1/0	3/3	1/1	1/1	1/1	1/1	4/4	1/0	4/4	0/0	(3)	2/3	2/3	1/1		
Chromic acid potassium salt	-> see: Potassium chromate																															
Chromosulphuric acid	CrO ₃ + H ₂ SO ₄	065272-71-1	concentrated	O, T, C, N		4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/0	0/0	4/4	4/4	1/1	0/0	1/1	4/4	4/4	1/0	4/4	4/4	4/4	2/3	2/3	0/0		
Chromium trioxide	-> see: Chromic acid																															
2-Hydroxypropane-1,2,3-tricarboxylic acid	-> see: Citric acid																															
Citric acid tributyl ester	-> see: Tributyl citrate																															
Clophen A60	—	011096-82-5		Xn, N		0/0	0/0	1/0	(3)	0/0	0/0	(2)	4/4	0/0	0/0	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(2)	4/4	2/3	4/4	0/0	1/0	1/0	1/0	0/0	ppolychlorinated biphenyls, PCBs; Bayer
Cobalt (II) chloride	CoCl ₂	007646-79-9	aqueous	Xn		1/1	1/1	(2)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	1/0	1/0	0/0	(3)	0/0	0/0		
Cobalt dichloride	-> see: Cobalt (II) chloride																															
Colamine	-> see: Ethanolamine																															
Crotonaldehyde	C ₄ H ₆ O	004170-30-3	tech. pure	F, T	X	1/0	0/0	(2)	(4)	0/0	(4)	(2)	1/0	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/0	1/3	1/0	3/0	4/4	0/0	1/0	1/1	1/1	0/0		
Cumol	-> see: Cumene																															
Cumene	C ₉ H ₁₂	000098-82-8		Xi	X	2/3	3/4	(2)	4/4	0/0	4/4	(2)	3/4	4/4	4/4	4/4	0/0	0/0	1/2	1/1	(1)	(2)	4/4	1/0	4/4	0/0	1/1	1/1	1/1	0/0		
Curry	—	—		?		0/0	0/0	(2)	(2)	(2)	0/0	(1)	(2)	3/3	0/0	0/0	0/0	1/1	0/0	1/1	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)		could lead to discolouration	
Ethyl cyanoacetate	-> see: Ethyl cyanoacetate																															
Cyanide	-> see: Potassium cyanide																															
Cyan potassium	-> see: Potassium cyanide																															
Cyannosodium	-> see: Sodium cyanide																															
Prussic acid	-> see: Hydrogen cyanide																															
Cyclanon	—	—		(Xn, Xi)		1/1	1/1	1/0	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	(2)	(2)	1/1	0/0	3/4	(1)	(1)	0/0	Polyquaternary compounds, dyeing auxiliaries; BASF	
Cyclohexane	C ₆ H ₁₂	000110-82-7		F	X	3/4	3/4	1/0	3/3	1/0	4/4	1/1	3/4	4/4	4/4	2/3	1/0	1/3	1/2	1/1	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1	0/0		
Cyclohexanol	C ₆ H ₁₂ O	000108-93-0	tech. pure	Xn		1/1	1/1	1/1	3/0	0/0	1/2	1/0	1/3	3/3	1/0	1/1	4/4	1/3	0/0	(1)	1/1	1/3	4/4	4/4	3/3	0/0	1/1	(1)	(1)	0/0		
Cyclohexanone	C ₆ H ₁₀ O	000108-94-1	tech. pure	Xn	X	1/3	3/4	1/0	4/4	(4)	3/4	1/0	2/4	4/4	4/4	4/4	4/4	4/4	0/0	(1)	1/1	1/3	4/4	4/4	4/4	0/0	1/0	(1)	(1)	0/0		
Cyclohexylmethane	-> see: Methylcyclohexane																															
Cymene, p-	C ₁₀ H ₁₄	000099-87-6		F, Xn/Xi	X	0/0	0/0	(2)	4/4	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	4/4	0/0	1/1	1/1	1/1	0/0		
Steam	H ₂ O	—	up to 150°C	?		4	4	4/4	0/0	0	0	(3)	(3)	0	0	0	0	0	0	0	0	1	0	1	3	4/4	0	(1)	1/1	1/1		
DDT (emulsion)	C ₁₄ H ₉ Cl ₅	000050-29-3		T		0/0	0/0	(2)	(3)	0/0	0/0	2	1/1	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(2)	(3)	(3)	0/0	(2)	(2)	(2)	0/0			
Decahydronaphthalene	C ₁₀ H ₁₈	000091-17-8		Xn		1/3	3/4	1/0	4/4	3/0	4/4	1/0	3/4	4/4	4/4	1/2	3/0	3/4	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	1/1	(1)	(1)	0/0		
Decalin	-> see: Decahydronaphthalene																															
Decane	C ₁₀ H ₂₂	000124-18-5		Xn	X	0/0	0/0	(1)	(2)	(1)	(3)	1/1	(3)	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	(1)	4/4	1/0	3/3	0/0	1/1	(1)	(1)			
Decanedioic acid dibenzyl ester	-> see: Dibenzyl sebacate																															
Decanedioic acid dibutyl ester	-> see: Dibutyl sebacate																															
Decanedioic acid diethyl ester	-> see: Diethyl sebacate																															
Dehydroacetic acid	C ₈ H ₈ O ₄	0005																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C	
Desmodur 44	C ₁₅ H ₁₆ N ₂ O ₂	000101-68-8		Xn		0/0	0/0	0/0	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	0/0	4/4	0/0	(1)	(1)	(1)			
Dextrin	(C ₆ H ₁₀ O ₅) _n x H ₂ O	009004-53-9	aqueous	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
Dextrose	-> see: Glucose																														
Diacetone alcohol	C ₆ H ₁₂ O ₂	000123-42-2		Xi	X	0/0	0/0	(3)	(3)	0/0	0/0	1/0	2/2	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	1/0	4/4	4/4	0/0	(2)	(1)	(1)		
Diamide	-> see: Hydrazine																														
Diaminoethane	-> see: Ethylenediamine																														
Diazane	-> see: Hydrazine																														
Dibenzyl ether	C ₁₄ H ₁₄ O	000103-50-4		Xi		0/0	0/0	(2)	(3)	0/0	0/0	(1)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	2/0	4/4	4/4	0/0	(1)	(1)	(1)		
Dibenzyl sebacate	C ₂₄ H ₃₆ O ₄	??		?		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	2/0	(4)	4/4	0/0	(1)	(1)	(1)		Plasticiser
Dibromoethane-1,2	C ₂ H ₄ Br ₂	000106-93-4		T		(4)	(4)	(2)	(4)	(4)	(4)	(2)	4/4	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	1/2	4/4	(3)	4/4	0/0	(3)	1/0L	1/0L	0/0	
Dibromotetrafluoromethane	C ₂ Br ₂ F ₄	000124-73-2		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	4/4	3/0	3/0	0/0	(3)	0/0	0/0			
Dibutylamine	C ₈ H ₁₉ N	000111-92-2		Xn	X	0/0	0/0	(2)	(3)	0/0	(3)	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	4/4	4/4	0/0	(1)	(1)	(1)		
Dibutyl ether	C ₈ H ₁₈ O	000142-96-1	tech. pure	Xi	X	3/4	1/4	(2)	(3)	1/0	(4)	(1)	3/4	0/0	3/0	4/4	0/0	0/0	0/0	(1)	1/1	1/1	4/4	4/4	4/4	0/0	1/1	(1)	(1)	0/0	
Dibutyl phthalate	C ₁₆ H ₂₂ O ₄	000084-74-2	FR, 80°C	T		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1)	0	0	0	4/4	0	0	0	0	0/0	Plasticiser
Dibutyl phthalate	C ₁₆ H ₂₂ O ₄	000084-74-2		T		1/3	3/3	1/0	4/4	1/0	0/2	1/0	2/2	4/4	1/0	4/4	4/4	0/4	1/1	(1)	1/1	1/3	3/0	2/3	4/4	0/0	(1)	1/1	1/1	0/0	Plasticiser
Dibutyl sebacate	C ₁₈ H ₃₄ O ₄	000109-43-3	tech. pure	—		1/0	1/3	1/0	(3)	0/0	0/0	(2)	1/0	4/4	0/0	4/4	4/4	4/4	0/0	(1)	1/1	1/0	3/0	4/4	4/4	0/0	(1)	(1)	(1)		Plasticiser
Dichloride, 1,2-	-> see: Dichlorobenzene, 1,2-																														
Dichloride, 1,4-	-> see: Dichlorobenzene, 1,4-																														
Dichlorobenzene, 1,2-	C ₆ H ₄ Cl ₂	000095-50-1		Xn		3/3	3/4	(1)	4/4	0/0	3/4	(2)	3/4	4/4	4/4	4/4	4/4	1/3	(1)	1/1	1/1	4/4	1/0	4/4	0/0	(1)	0/0	0/0	0/0		
Dichlorobenzene, 1,4-	C ₆ H ₄ Cl ₂	000106-46-7		Xn		2/3	3/4	1/0	4/4	0/0	2/3	(2)	3/4	4/4	4/4	4/4	0/0	1/3	(1)	1/0	1/1	4/4	1/0	4/4	0/0	(1)	0/0	0/0	0/0		
DCB, o-	-> see: Dichlorobenzene, 1,2-																														
DCB, p-	-> see: Dichlorobenzene, 1,4-																														
Dichlorodifluoromethane	CCl ₂ F ₂	000075-71-8	tech. pure	N		4/4	3/4	1/0	4/4	0/0	0/0	1/0	4/4	4/4	1/0	2/0	4/4	3/3	0/0	3/3	1/0	3/4	3/0	3/0	3/3	0/0	(3)	0/0	0/0	0/0	
Dichlorodifluoromethane	CCl ₂ F ₂	000075-71-8		N		4/4	3/4	1/0	4/4	0/0	0/0	1/0	4/4	4/4	1/0	2/0	4/4	3/3	0/0	3/3	1/0	3/4	3/0	3/0	3/3	0/0	(3)	0/0	0/0	0/0	
Dichlorodiphenyltrichloroethane	-> see: DDT (emulsion)																														
Dichloroacetic acid	C ₂ H ₂ Cl ₂ O ₂	000079-43-6	50 %	C		1/1	1/1	4/4	(4)	4/4	0/0	4/4	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	4/4	4/4	4/4	0/0	(4)	0/0	0/0	1/1	
Dichloroacetic acid	C ₂ H ₂ Cl ₂ O ₂	000079-43-6	tech. pure	C		1/3	3/3	4/4	(4)	4/4	0/0	4/4	1/3	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	4/4	4/4	4/4	0/0	(4)	0/0	0/0	1/1	
Dichloroacetic acid methyl ester	-> see: Methyl dichloroacetate																														
Dichlorethane, 1,2-	-> see: Ethylene chloride																														
Dichlorethane, 1,1-	-> see: Vinylidene chloride																														
Dichloroethylene	C ₂ H ₂ Cl ₂	—	tech. pure	F+, Xn	X	4/4	4/4	3/0	(4)	4/4	(4)	4/4	3/0	4/4	0/0	4/4	4/4	0/0	0/0	(1)	1/0	1/1	4/4	3/4	4/4	0/0	(3)	1/1L	1/1L	0/0	Isomer not specified in the source
Dichloroethylene, 1,1-	-> see: Vinylidene chloride																														
Dichlorofluoromethane	CHCl ₂ F	000075-43-4	100 %	N		0/0	3/0	1/0	3/0	0/0	0/0	1/0	4/4	4/4	3/0	4/4	4/4	3/3	0/0	(3)	1/0	(3)	4/4	4/4	4/4	0/0	(3)	0/0	0/0		
Dichlorohexafluorocyclobutane	C ₄ Cl ₂ F ₆	000356-18-3		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	(3)	1/0	0/0	(3)	0/0	0/0			
Dichloroisopropyl ether	C ₆ H ₁₂ Cl ₂ O	—		(Xn)		(4)	(4)	(2)	(3)	0/0	(4)	(3)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	4/4	4/4	0/0	(3)	0/0	0/0		Isomer not specified in the source
Dichlormethane	CH ₂ Cl ₂	000075-09-2		Xn		4/4	4/4	3/4	4/4	4/4	3/4	3/0	3/4	4/4	4/4	4/4	4/4	4/4	2/2	1/1	1/1	1/3	4/4	3/3	4/4	0/0	4/4	(1/1L) ¹⁾	(1/1L) ¹⁾	1/1	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.
Dichloropropane	C ₃ H ₆ Cl ₂	—	100 %	F, T/Xn	X	0/0	0/0	(3)	-4	(4)	(4)	(2)	4/4	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	4/4	(3)	4/4	0/0	(3)	0/0	0/0	0/0	Isomer not specified in the source
Dichlorotetrafluoroethane	C ₂ Cl ₂ F ₄	000076-14-2		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	3/0	1/0	0/0	(3)	0/0	0/0		
Dicyclohexylamine (DCHA)	C ₁₂ H ₂₃ N	000101-83-7		C, Xn		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	4/4	4/4	0/0	(1)	(1)	(1)		
Dicyclohexyl phthalate	C ₂₀ H ₂₆ O ₄	000084-61-7	tech. pure	(Xn)		0/0	0/0	(1)	(3)	0/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	(3)	4/4	4/4	4/4	0/0	(1)	(1)		Plasticiser
Diesel fuel	—	—		Xn, N		1/3	0/0	1/1	3/3	1/1	0/0	1/1	1/3	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/1	0/0	1/1	(1)	(1)	0/0	
Diesel oil	—	068334-30-5	100 %	(Xn)		1/3	1/4	1/1	3/3	1/1	0/0	1/1	1/3	3/4	0/0	1/3	3/3	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/1	0/0	1/1	(1)	(1)	0/0	
Diethanolamine (DEA)	C ₄ H ₁₁ NO ₂	000111-42-2	100 %	Xi		0/0	1/0	(2)	(3)	0/0	0/0	(2)	1/2	1/0	0/0	0/0	0/0	1/1	0/0	(1)	1/0	1/3	3/0	(3)	4/4	0/0	1/1	(1)	(1)	0/0	
Diethylamine	C ₄ H ₁₁ N	000109-89-7	tech. pure	F, C, Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	(2)	1/2	0/0	0/0	3/0	0/0	0/0	0/0	(1)	1/0	1/4	2/0	4/4	4/4	0/0	(1)	1/1	1/1	0/0	
Diethylbenzene																															

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics																Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI	AL	V2A	V4A						
Diethylmalonate	C ₇ H ₁₂ O ₄	000105-53-3		Xi		1/1	1/1	(2)	3/4	0/0	1/2	(2)	1/1	4/4	3/3	2/4	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(2)	2/0	3/0	4/4	0/0	(1)	(1)	(1)			
Diethylmethane	-> see: Pentane																																		
Diethyl sebacate	C ₁₄ H ₂₈ O ₄	000110-40-7		Xi		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	2/0	3/0	4/4	0/0	(1)	(1)	(1)		Plasticiser			
Diethyl succinate	-> see: Succinic acid diethyl ester																																		
Difluorochloroethane	C ₂ H ₂ ClF ₂	000075-68-3		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	1/0	0/0	(3)	0/0	0/0					
Diffuoroethane	C ₂ H ₂ F ₂	000075-37-6		(E), F+		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	1/0	0/0	(3)	0/0	0/0					
Diffuoromethane	CH ₂ F ₂	000075-10-5		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	1/0	0/0	(3)	0/0	0/0					
Difluorotetrachloroethane	C ₂ Cl ₄ F ₂	000076-12-0		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	3/0	3/0	0/0	(3)	0/0	0/0				
Diglycol	-> see: Diethylene glycol																																		
Diglycolic acid	C ₄ H ₆ O ₅	000110-99-6	aqueous	Xn		1/1	1/1	(3)	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	1/1	4/4	0/0	3/4	1/4	1/4	1/4	1/1				
Diglycolic acid	C ₄ H ₆ O ₅	000110-99-6	30 %	Xn, Xi		1/1	1/1	(3)	1/0	(2)	0/0	(3)	1/1	0/0	0/0	1/3	0/0	0/0	0/0	1/1	1/1	1/0	1/0	1/1	4/4	0/0	3/4	1/4	1/4	1/4	1/1				
Dihexyl phthalate	-> see: Dicyclohexyl phthalate																																		
Dihydroxybenzene, 1,3-	-> see: Resorcinol																																		
Dihydroxybenzene, 1,4-	-> see: Hydroquinone																																		
Dihydroxysuccinic acid	-> see: Tartaric acid																																		
Dihydroxydiethylamine	-> see: Diethanolamine																																		
Diisobutylene (DIB)	C ₈ H ₁₆	025167-70-8		F	X	0/0	0/0	(1)	(3)	(2)	(4)	(1)	1/2	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	4/4	1/0	3/3	0/0	1/1	1/1	1/1						
Diisobutylketone	C ₉ H ₁₈ O	000108-83-8	tech. pure	Xi	X	1/4	1/3	(3)	(3)	(4)	(4)	1/0	1/4	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/1	1/3	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0					
Diisooctyl phthalate (DOP)	C ₂₄ H ₃₈ O ₄	000117-81-7	tech. pure	Xn		4/4	4/4	1/0	4/4	1/0	1/0	(2)	4/4	4/4	1/0	4/4	4/4	0/0	0/0	1/1	1/0	(2)	3/0	2/3	4/4	0/0	(1)	(1)	(1)		Plasticiser				
Diisopropyl ether	-> see: Isopropyl ether																																		
Diisopropyl ketone	C ₇ H ₁₄ O	000565-80-0		F	X	0/0	0/0	(3)	(3)	(4)	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	4/4	0/0	(1)	(1)	(1)						
Dimethylamine	C ₂ H ₇ N	000124-40-3	tech. pure	F+, Xn	X	1/3	1/3	1/0	4/4	0/0	0/0	(2)	1/3	0/0	0/0	3/4	4/4	0/0	0/0	(1)	1/1	3/0	3/0	4/4	4/4	0/0	(1)	(1)	(1)	1/1					
Dimethylaniline	C ₈ H ₁₁ N	—		T		0/0	0/0	(3)	4/4	0/0	0/0	(2)	4/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	Isomer not specified in the source				
Dimethylbenzene	-> see: Xylene																																		
Dimethylcarbinol	-> see: Isopropyl																																		
Dimethyl ether	C ₂ H ₆ O	000115-10-6	Gas	F+	X	0/0	3/0	1/0	(3)	1/0	0/0	(2)	4/4	4/4	0/0	3/0	4/4	0/0	0/0	0/0	1/0	(3)	3/0	4/4	4/4	0/0	1/1	(1)	(1)	0/0					
Dimethylformamide (DMF)	C ₃ H ₇ NO	000068-12-2		T, F	X	1/1	1/3	1	4/4	1/0	1/1	1/2	1/1	4/4	4/4	3/4	0/0	4/4	2/2	1/1	1/1	4/4	2/0	4/4	4/4	0/0	(1)	1/1	1/1	1/1					
Dimethyl ketone	-> see: Acetone																																		
Dimethylpentanone-3, 2,4-	-> see: Diisopropyl ketone																																		
Dimethyl phthalate (DMP)	C ₁₀ H ₁₀ O ₄	000131-11-3	100 %	(Xn)		4/4	1/3	(2)	4/4	0/0	0/0	(2)	2/3	4/4	0/0	4/4	4/4	4/4	0/0	(1)	1/1	(2)	3/0	2/0	4/4	0/0	(1)	(1)	(1)	0/0	Plasticiser				
Dimethylpropane	-> see: Pentane																																		
Dimethyl sulphoxide (DMSO)	C ₂ H ₆ SO	000067-68-5		Xi		1/1	1/1	(2)	4/4	0/0	1/1	1/0	1/1	1/2	4/4	4/4	0/0	0/0	1/2	1/1	(1)	(3)	(3)	(3)	(4)	0/0	(1)	(1)	(1)						
Disodium hydrogen phosphate	-> see: Disodium phosphate																																		
Disodium phosphate	Na ₂ HPO ₄	007558-79-4		(Xi)		1/1	1/1	1/0	(2)	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/0	(1)	0/0	(1)	1/1	1/1	0/0					
Disodium sulphate	-> see: Sodium sulphate																																		
Dinonyl phthalate (DNP)	C ₂₈ H ₄₂ O ₄	000084-76-4	tech. pure	Xn		3/0	0/0	(2)	3/0	0/0	0/0	(2)	1/3	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/0	(2)	(3)	4/4	4/4	0/0	(1)	(1)	(1)		Plasticiser				
Diocetyl adipate	C ₂₂ H ₄₂ O ₄	000103-23-1		?		0/0	0/0	(2)	(3)	0/0	0/0	(2)	4/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)		Plasticiser				
Diocetyl phthalate	-> see: Diisooctyl phthalate																																		
Diocetyl sebacate	C ₂₆ H ₅₀ O ₄	002432-87-3		—		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	2/0	3/0	4/4	0/0	(1)	(1)	(1)		Plasticiser				
Dioxane	C ₄ H ₈ O ₂	000123-91-1		F, Xn	X	2/2	2/3	1/0	4/4	1/0	2/3	1/2	3/3	4/4	2/3	3/4	4/4	4/4	1/3	1/1	1/1	3/3	2/0	4/4	4/4	0/0	1/1	1/0	1/0	0/0					
Dioxane, 1,4-	-> see: Dioxane																																		
Dipentene	-> see: Limonene, DL-																																		
Dipentyl phthalate	-> see: Phthalic acid amyl ester																																		
Diphenylamine	C ₁₂ H ₁₁ N	000122-39-4		T		0/0	0/0	0/0	(3)	0/0	0/0	(2)	(3)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(3)	(3)	(4)	0/0	(1)	(1)	(1)	0/0					
Diphenyleneimine	-> see: Carbazole																																		
Diphenyl ether	C ₁₂ H ₁₀ O	000101-84-8		Xn/Xi		0/0	1/0	3/0	(3)	(4)	0/0	1/1	4/4	4/4	0/0	0/0	4/4	4/4	0/0	(1)	1/0	(2)	4/4	3/0	4/4	0/0	(1)	(1)	(1)	0/0					
Diphenylmethane diisocyanate (MDI)	-> see: Desmodur 44																																		
Diphenyl oxide	-> see: Diphenyl ether																																		
Diphosphorus pentoxide	-> see: Phosphorus pentoxide																																		
Diphyl	—	008004-13-5		?		0/0	0/0	1/1	(3)	4/4	0/0	1/1	4/4	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	3/0	4/4	0/0	(1)	(1)	(1)		Mixture of diphenyl and diphenyl ether; Bayer				
Dipropylene glycol	C ₆ H ₁₄ O ₃	025265-71-8		Xi		1/1	1/1	(2)	2/3	0/0	1/1	1/0	1/1	1/1	2/2	2/3	0/0	0/0	1/1	1/1	(1)	(2)	4/4	3/0	3/3	0/0	(1)	(1)	(1)						
Dipropyl ketone	C ₇ H ₁₄ O	000123-19-3		—	X	0/0	0/0	(3)	(4)	(4)	(4)	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(4)	4/4	0/0	(1)	(1)	(1)						
Dipropylmethane, n-	-> see: Heptane, n-																																		
Di-sulphur dichloride	-> see: Sulphur chloride																																		

MEDIUM	FORMULA	CAS No.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK		
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI			AL	V2A
Dinitrogen tetroxide	-> see: Nitrogen tetroxide																													
Disulphite	-> see: Sodium disulphite																													
Divinylsulphide	-> see: Thiophene																													
Dodecanol	-> see: Lauryl alcohol																													
Dodecyl alcohol	-> see: Lauryl alcohol																													
Dodecyl chloride	-> see: Lauryl chloride																													
Dolcymene	-> see: Cymene, p-																													
Eau de Labarraque	-> see: Sodium hypochlorite																													
Edetic acid	-> see: Ethylenediaminetetraacetic acid																													
Iron (II) ammonium sulphate	-> see: Ammonium iron (II) sulphate																													
Iron (II) chloride	FeCl ₂	007758-94-3	saturated	Xn		1/1	1/1	3/0	1/0	(2)	1/0	(3)	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	(1)	1/1	(1)	0/0	4/4	(2)	1/1	1/1		
Iron (II) sulphate	FeSO ₄	007720-78-7	saturated	(Xn)		1/1	1/1	(2)	1/0	0/0	1/0	(3)	1/1	1/0	0/0	1/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	0/0	4/4	1/1	1/1	1/1		
Iron (II) sulphate	FeSO ₄	007720-78-7	aqueous	(Xn)		1/1	1/1	(2)	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	1/0	0/0	4/4	1/1	1/1	1/1		
Iron (II) sulphate	FeSO ₄	007720-78-7		Xn		1/1	1/1	(2)	1/0	(2)	0/0	(3)	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/1	(1)	1/0	(1)	0/0	4/4	1/1	1/1	1/1		
Iron (III) chloride	FeCl ₃	007705-08-0	saturated	Xn		1/1	1/1	3/0	1/0	0/0	1/0	4/4	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	(1)	1/1	1/1	0/0	4/4	4/4	4/4	1/1		
Iron (III) nitrate	-> see: Ferric nitrate																													
Iron (III) sulphate	Fe ₂ (SO ₄) ₃	010028-22-5	saturated	Xi		1/1	1/1	(2)	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	0/0	4/4	1/1	1/1	1/1		
Iron alum	-> see: Ammonium iron (III) sulphate																													
Iron ammonium alum	-> see: Ammonium iron (III) sulphate																													
Ferric nitrate	Fe(NO ₃) ₃	010421-48-4	aqueous	(O, Xn)		1/1	1/1	(2)	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	1/0	0/0	4/4	1/1	1/1	1/1		
Ferric nitrate	Fe(NO ₃) ₃	010421-48-4	saturated	O, Xn		1/1	1/1	1/0	1/0	0/0	1/0	(3)	1/1	1/1	0/0	1/1	1/0	1/1	1/1	1/1	(1)	(1)	1/0	0/0	4/4	1/1	1/1	1/1		
Iron vitriol	-> see: Iron (II) sulphate																													
Glacial acetic acid	-> see: Acetic acid																													
Elaol	-> see: Dibutyl phthalate																													
Emulsifiers	—	—	?			0/0	0/0	(2)	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	(2)	(2)	(3)	0/0	0/0	K	K		
Developer fluids	—	—	?			1/1	1/1	4/4	1/0	1/0	0/0	1/0	1/1	0/0	1/0	1/1	1/0	0/0	0/0	1/1	(1)	2/0	1/0	3/3	0/0	1/1	1/0	1/0	0/0	
Limescale	—	—	10% in Water	?		0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Epichlorohydrin	C ₂ H ₅ ClO	000106-89-8	100 %	F, T	X	1/0	1/0	4/4	(4)	0/0	(4)	1/0	2/2	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/0	(3)	3/0	4/4	4/4	0/0	(3)	0/0	0/0	0/0
Epoxypropane	-> see: Propylene oxide																													
Epsom salt	-> see: Magnesium sulphate																													
Natural gas	—	—	F+		X	0/0	0/0	0/0	1/0	1/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	1/0	1/0	0/0	1/1	(1)	(1)	0/0	mainly methane
Peanut oil	—	008002-03-7	—			0/0	0/0	0/0	(2)	1/0	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(1)	4/4	1/0	1/0	0/0	(1)	(1)	(1)	0/0
Crude oil / petroleum	—	008002-05-9	(Xn)			0/0	0/0	1/0	(3)	1/0	0/0	1/0	1/0	0/0	0/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	1/0	3/3	0/0	(1)	(1)	(1)	0/0	Kerosene, lamp oil
Vinegar	C ₂ H ₄ O ₂	000064-19-7	(Xi)			1/1	1/3	4/4	1/2	1/1	1/0	1/3	1/1	1/0	1/0	1/0	3/0	1/1	1/1	1/1	1/1	1/0	3/3	3/3	0/0	1/3	1/2	1/2	1/1	Wine vinegar, acetic acid
Acetic ester	-> see: Ethyl acetate																													
Acetic acid	C ₂ H ₄ O ₂	000064-19-7	50 %	C		1/1	1/1	4/4	1/2	0/0	1/1	3/4	1/1	2/2	2/2	1/2	0/0	0/0	1/2	1/1	1/1	1/1	4/4	4/4	4/4	0/0	1/3	1/1	1/1	1/1
Acetic acid	C ₂ H ₄ O ₂	000064-19-7	100 %	C+	X	0/0	0/0	4/4	4/4	4/4	(3)	4/4	1/3	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	4/4	4/4	0/0	1/3	1/2	1/2	1/1	
Acetic acid	C ₂ H ₄ O ₂	000064-19-7	90%	C+	X	1/1	1/2	4/4	4/4	4/4	1/3	4/4	1/2	4/4	3/4	1/2	4/4	4/4	1/1	1/1	1/1	1/1	4/4	4/4	4/4	0/0	1/3	1/2	1/2	1/1
Acetic acid	C ₂ H ₄ O ₂	000064-19-7	10 %	Xi		1/1	1/1	4/4	1/2	1/1	3/0	1/4	1/1	1/1	1/0	1/3	1/0	1/3	1/1	1/1	1/1	(2)	(3)	3/3	0/0	1/3	1/1	1/1	1/1	
Acetic acid	C ₂ H ₄ O ₂	000064-19-7	5 %	Xi		1/1	1/3	4/4	1/2	1/1	1/1	1/3	1/1	1/1	1/1	1/1	3/0	1/1	1/1	1/1	1/1	1/0	3/3	3/3	0/0	1/3	1/2	1/1	1/1	
Acetic acid Silver salt	-> see: Silver acetate																													
Acetic alumina	C ₄ H ₇ AlO ₅ x H ₂ O	000142-03-0	saturated	Xi		1/1	1/0	(2)	(2)	(2)	0/0	1/0	1/1	0/0	0/0	1/0	1/0	1/1	1/1	1/1	(1)	1/0	4/4	3/3	0/0	(1)	1/1	1/1		
Acetic acid allyl ester	-> see: Allyl acetate																													
Acetic acid amide	-> see: Acetamide																													
Acetic anhydride	C ₄ H ₆ O ₃	000108-24-7	tech.pure	C	X	4/4	3/3	3/3	4/4	0/0	4/4	(2)	1/3	4/4	4/4	4/4	4/4	0/0	0/0	1/0	1/1	4/4	3/0	4/4	4/4	0/0	(2)	1/1	1/1	1/1
Acetic acid benzyl ester	-> see: Benzyl acetate																													
Acetic acid butyl ester	C ₈ H ₁₂ O ₂	000123-86-4	100 %	—	X	2/2	2/3	1/0	4/4	3/0	3/3	(2)	3/4	4/4	4/4	4/4	4/4	1/2	1/1	1/1	1/1	1/4	3/0	4/4	4/4	0/0	1/1	(1)	(1)	4/4
Acetic acid chloride	-> see: Acetyl chloride																													
Acetic acid ethyl ester	-> see: Ethyl acetate																													
Acetic acid isobutyl ester	-> see: Isobutyl acetate																													
Acetic acid isopropyl ester	-> see: Isopropyl acetate																													
Acetic acid methyl ester	C ₃ H ₈ O ₂	000079-20-9	tech. pure	F	X	1/0	1/1	1/0	4/4	3/0	(4)	2/0	1/3	4/4	0/0	4/4	4/4	4/4	0/0	1/0	1/1	1/4	3/0	4/4	4/4	0/0	(1)	1/1	1/1	0/0
Acetic acid-n-amyl ester	-> see: Amyl acetate, n-																													
Acetic acid pentyl ester	-> see: Amyl acetate, n-																													
Acetic acid propyl ester	-> see: Propyl acetate																													

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics					Elastomers				Metals				Hastelloy C	REMARK		
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A	V4A
Ethanal	-> see: Acetaldehyde																														
Ethane carboxylic acid	-> see: Propionic acid																														
Ethanediamine	-> see: Ethylenediamine																														
Ethanedicarboxylic acid	-> see: Succinic acid																														
Ethanediol	-> see: Ethylene glycol																														
Ethanedioic acid	-> see: Oxalic acid																														
Ethanol	C ₂ H ₆ O	000064-17-5	40 %	—	X	1/1	1/2	1/0	1/2	1/1	1/2	1/2	1/1	2/3	1/2	1/1	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1	1/1	
Ethanol	C ₂ H ₆ O	000064-17-5	50 %	—	X	1/1	1/1	1/0	1/1	1/1	1/0	1/2	1/1	1/0	1/0	1/0	3/0	0/0	0/0	1/1	1/1	1/1	1/0	(2)	1/1	0/0	1/1	1/1	1/1	1/1	
Ethanol	C ₂ H ₆ O	000064-17-5	96 %	F	X	1/0	1/3	1/0	1/3	1/1	1/2	1/2	1/1	3/4	1/2	1/3	3/0	1/3	1/1	1/1	1/1	1/0	3/0	3/3	0/0	1/1	1/1	1/1	1/1	1/1	
Ethanolamine	C ₂ H ₇ NO	000141-43-5		Xn/Xi		0/0	0/0	(3)	(3)	0/0	0/0	(3)	1/2	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Ethanoic acid	-> see: Acetic acid																														
Ethanethiol	C ₂ H ₆ S	000075-08-1		F, Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)		
Ethene	-> see: Ethylene																														
Ether	-> see: Ethyl ether																														
Ethyne	-> see: Acetylene																														
Ethynylcarbidiol	-> see: Propargyl alcohol																														
Ethoxyacetanilide, 4-	-> see: Phenacetin																														
Ethoxyethanol	-> see: Ethyl glycol																														
Ethoxyethyl acetate, 2-	-> see: Ethylene glycol monoethyl ether acetate																														
Ethyl(hydroxymethyl)-propanediol	-> see: Trimethylolpropane																														
Ethyl acetate	C ₄ H ₈ O ₂	000141-78-6	100 %	F	X	1/3	3/4	1/0	4/4	4/4	4/4	1/1	1/3	4/4	4/4	4/4	4/4	4/4	1/2	1/1	1/1	3/3	3/0	4/4	4/4	0/0	1/1	(1)	(1)	1/0	
Ethyl acrylate	C ₈ H ₈ O ₂	000140-88-5	100 %	F, Xn	X	4/4	4/4	1/0	(4)	(4)	(4)	(2)	4/4	0/0	0/0	4/4	4/4	0/0	0/0	1/1	1/0	3/0	4/4	4/4	4/4	0/0	(1)	(1)	(1)	1/0	
Ethyl alcohol	-> see: Ethanol																														
Ethylbenzol	-> see: Ethylbenzene																														
Ethyl benzoate	-> see: Benzoic acid ethyl ester																														
Ethylbenzene	C ₈ H ₁₀	000100-41-4		F, Xn	X	2/3	3/4	(2)	4/4	0/0	3/4	1/0	3/4	4/4	4/4	4/4	4/4	2/3	1/1	1/0	1/1	4/4	(2)	4/4	0/0	(1)	(1)	(1)	0/0		
Ethyl butyrate	C ₈ H ₁₂ O ₂	000105-54-4		F	X	2/3	2/4	(2)	4/4	0/0	3/4	(2)	2/4	4/4	4/4	4/4	0/0	0/0	1/2	1/1	(1)	(2)	(3)	(4)	4/4	0/0	(1)	(1)	(1)		
Ethylcarbinol	-> see: Propanol																														
Ethyl cellosolve	-> see: Ethyl glycol																														
Ethyl chloroacetate	C ₄ H ₇ ClO ₂	000105-39-5	tech. pure	T/Xi		1/1	1/1	(3)	4/4	(4)	(4)	(3)	1/1	4/4	0/0	3/4	3/4	0/0	0/0	(1)	1/1	1/4	3/0	4/4	4/4	0/0	3/4	0/0	0/0	0/0	
Ethyl chloride	-> see: Chloroethane																														
Ethyl cyanoacetate	C ₅ H ₇ NO ₂	000105-56-6		Xn/Xi		1/1	1/1	0/0	3/4	0/0	1/1	(2)	1/1	2/4	3/3	3/4	0/0	0/0	1/1	1/1	(1)	(3)	(2)	(3)	(3)	0/0	(2)	(1)	(1)	0/0	
Ethylene	C ₂ H ₄	000074-85-1		F+	X	0/0	0/0	1/0	(2)	0/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	(2)	(3)	3/0	3/3	0/0	(1)	(1)	(1)	0/0	
Ethylene(di)bromide	-> see: Dibromoethane-1,2																														
Ethylene(di)chloride	-> see: Dichloroethane-1,2																														
Ethylene chlorohydrin	-> see: Chloroethanol																														
Ethylene chloride	C ₂ H ₄ Cl ₂	—		F, T	X	3/3	2/4	3/0	4/4	4/4	4/4	1/0	3/4	4/4	4/4	4/4	4/4	4/4	1/1	1/1	1/1	1/1	4/4	3/0	4/4	0/0	1/3	1/1L	1/1L	0/0	Isomer not specified in the source
Ethylenediamine	C ₂ H ₈ N ₂	000107-15-3	tech. pure	C, Xn	X	1/1	1/3	1/0	(3)	0/0	1/0	1/0	1/1	0/0	0/0	3/0	4/4	0/0	0/0	(1)	1/1	1/4	1/0	4/4	3/3	0/0	1/1	(1)	(1)	0/0	
Ethylenediaminetetraacetic acid (EDTA)	C ₁₀ H ₁₆ N ₂ O ₈	000060-00-4		Xi		1/1	1/1	(2)	(2)	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(2)	(1)	0/0	(3)	0/0	0/0	0/0	
Ethylene dichloride	-> see: Ethylene chloride																														
Ethylenedinitrilotetraacetic acid	-> see: Ethylenediaminetetraacetic acid																														
Ethylene glycol	C ₂ H ₆ O ₂	000107-21-1		Xn		1/1	1/1	3/3	2/3	1/0	1/1	1/1	1/1	1/1	1/1	1/1	3/3	1/1	1/1	1/1	1/1	1/1	1/0	1/2	1/1	0/0	1/1	1/1	1/1	1/1	
Ethylene glycol ethyl ether	-> see: Ethyl glycol																														
Ethylene glycol monobutyl ether	-> see: Butyl glycol																														
Ethylene glycol monobutyl ether	-> see: Ethyl glycol																														
Ethylene glycol monoethyl ether acetate	C ₆ H ₁₂ O ₃	000115-15-9		Xn	X	1/1	1/2	0/0	3/4	0/0	1/2	(2)	1/2	4/4	4/4	3/4	0/0	0/0	1/2	1/1	(1)	(2)	2/0	4/4	4/4	0/0	(1)	(1)	(1)		
Ethylene glycol monomethyl ether	-> see: Methyl glycol																														
Ethylene oxide	C ₂ H ₄ O	000075-21-8		F+, T	X	2/3	3/3	3/0	3/4	1/0	3/4	1/0	3/3	4/4	1/1	3/4	0/0	0/0	1/1	1/1	(1)	1/1	4/4	4/4	4/4	0/0	1/1	(1)	(1)	0/0	
Ethylene tetrachloride	-> see: Perchloroethylene																														
Ethylene trichloride	-> see: Trichloroethylene																														
Ethylethanamine, N-	-> see: Diethylamine																														
Ethyl ether	C ₄ H ₁₀ O	000060-29-7	tech. pure	F+, Xn	X	3/4	4/4	1/1	4/4	1/0	4/4	1/2	4/4	4/4	4/4	4/4	4/4	4/4	1/2	1/1	1/1	1/4	4/4	4/4	4/4	0/0	1/1	1/1	1/1	0/0	
Ethyl formate	C ₃ H ₆ O ₂	000109-94-4		F	X	0/0	0/0	0/0	(4)	0/0	(4)	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	(3)	(4)	4/4	0/0	(1)	(1)	(1)		
Ethyl glycol	C ₄ H ₁₀ O ₂	000110-80-5	100 %	T	X	0/0	4/4	(3)	(2)	0/0	0/0	1/0	2/4	4/4	1/0	4/4	4/4	4/4	0/0	1/1	1/0	1/1	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Ethyl glycol acetate	-> see: Ethylene glycol monoethyl ether acetate																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A			
Ethylhexanol-1	C ₈ H ₁₈ O	000104-76-7		Xn/Xi		0/0	1/3	(2)	(2)	(1)	1/0	1/0	1/0	3/0	0/0	1/0	4/4	0/0	0/0	0/0	(1)	1/1	(1)	1/0	1/0	1/0	0/0	(1)	(1)	(1)		
Ethyl lactate	C ₆ H ₁₀ O ₃	000097-64-3		—	X	1/1	1/1	(2)	3/4	0/0	1/1	(2)	1/1	3/4	3/3	3/4	0/0	0/0	1/1	1/1	(1)	3/0	(3)	(3)	(3)	0/0	(1)	(1)	(1)			
Ethyl malonate	-> see: Diethylmalonate																															
Ethyl mercaptan	-> see: Ethanethiol																															
Ethyl methyl ketone	-> see: Methyl ethyl ketone																															
Ethyl silicate	-> see: Tetraethylorthosilicate																															
Eucalyptus oil	—	008000-48-8		?		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	4/4	0/0	0/0	0/0	3/3	0/0	(1)	(1)	(2)	4/4	(3)	(4)	0/0	(1)	(1)	(1)			
Desiccator grease	—	—		—		0/0	1/3	1/0	(2)	(1)	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	(3)	(2)	(2)	0/0	(1)	(1)	(1)	0/0		
Ferrichloride	-> see: Iron (III) chloride																															
Potassium hexacyanoferrate(III)	C ₆ FeK ₃ N ₆	013746-66-2	any	Xn		1/1	1/1	1/0	(1)	(1)	0/0	2/0	1/1	1/1	0/0	1/3	1/1	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(1)	0/0	1/1	1/1	1/1	1/1		
Ferrous chloride	-> see: Iron (II) chloride																															
Potassium hexacyanoferrate(II)	C ₆ FeK ₄ N ₆ x 3H ₂ O	014459-95-1	saturated	—		1/1	1/1	1/0	(2)	(1)	0/0	2/0	1/1	0/0	0/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(1)	0/0	(1)	1/1	1/1			
Potassium hexacyanoferrate(II)	C ₆ FeK ₄ N ₆ x 3H ₂ O	014459-95-1	diluted	—		1/0	1/1	1/0	(1)	(1)	0/0	2/0	1/1	0/0	0/0	1/3	1/0	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(1)	0/0	1/1	1/1	1/1			
Fat/Grease, mineral	—	—	(—)			0/0	0/0	1/0	(2)	(1)	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	(4)	(1)	1/0	0/0	(1)	1/1	1/1			
Fat/Grease, vegetable	—	—	—			0/0	0/0	1/0	(2)	1/0	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	(1)	1/1	1/1			
Fat/Grease, animal	—	—	—			0/0	0/0	1/0	(2)	1/0	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	(1)	1/1	1/1			
Fatty/Greasy alcohol sulphonates	—	—	aqueous	(Xn, Xi)		1/1	0/0	1/0	(2)	1/0	0/0	1/1	1/3	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	(2)	(2)	1/1	0/0	3/4	1/0	1/0	0/0	Fatty alcohol sulphates, wetting agents/surfactants	
Fat/Grease, edible oil	—	—	—			0/0	1/0	1/0	1/0	1/0	1/0	1/1	3/0	0/0	1/0	1/0	3/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/1	0/0	(1)	1/1	1/1	1/1		
Fatty acid C16	-> see: Palmitic acid																															
Spruce needle oil	—	008008-80-8		?		1/2	2/4	(2)	2/3	0/0	2/3	(2)	1/2	4/4	3/3	3/4	0/0	3/4	1/2	1/1	(1)	(2)	4/4	1/0	3/3	0/0	(1)	(1)	(1)		Pinus sylvestris	
Fish oil	—	—	—			0/0	0/0	1/0	(2)	1/0	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	3/4	1/0	1/0	0/0	(1)	(1)	(1)			
Fixing salt	-> see: Sodium thiosulphate																															
Aircraft engine fuels (JP)	—	—		(Xn)		0/0	0/0	(1)	(3)	0/0	0/0	1/0	1/4	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	4/4	1/0	1/0	0/0	(1)	(1)	(1)			
Fluid 101, 100°C	—	—		?		0	0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0		Brake fluid, polyglycol base	
Fluorine	F ₂	007782-41-4		O, T+, C+		4/4	4/4	4/4	4/4	4/4	3/4	4/4	4/4	4/4	4/4	1/2	0/0	4/4	1/1	1/1	1/1	4/4	4/4	3/0	4/4	0/0	4/4	(4)	(4)	0/0		
Fluorammonium	-> see: Ammonium fluoride																															
Fluorobenzene	C ₆ H ₅ F	000462-06-6		F, (Xn)	X	0/0	0/0	(2)	(4)	0/0	(4)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	4/4	3/0	4/4	0/0	(1)	0/0	0/0			
Fluorochloroalkanes (FCKW)	—	—		N		0/0	0/0	(2)	(3)	0/0	0/0	1/0	(3)	4/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(3)	(3)	0/0	(3)	0/0	(3)	0/0	0/0		Resistance varies depending on type	
Fluorides	—	—		T		1/1	1/1	(2)	1/1	(2)	1/1	(1)	1/1	2/2	1/1	1/1	0/0	1/1	1/1	(1)	(1)	(2)	(2)	(1)	0/0	0/0	K	K				
Fluoropotassium	-> see: Potassium fluoride																															
Fluorosilicic acid	-> see: Silicofluoric acid																															
Fluorocarbons (FKW)	—	—		?		0/0	0/4	(2)	(3)	(2)	0/0	(2)	(3)	4/4	0/0	0/0	0/0	0/4	1/1	0/0	1/1	0/0	(3)	(3)	(3)	0/0	(1)	0/0	0/0		Resistance varies depending on type	
Fluorosilicic acid	-> see: Silicofluoric acid																															
Fluorotrichloromethane	-> see: Trichlorofluoromethane																															
Hydrogen fluoride	HF	007664-39-3	anhydrous	T+, C+		0/0	0/0	4/4	4/4	4/4	0/0	4/4	(2)	0/0	4/4	0/0	0/0	0/0	0/0	(1)	1/0	0/0	3/4	(3)	4/4	0/0	4/4	(3)	(3)		Hydrofluoric acid, anhydrous	
Hydrogen fluoride solution	-> see: Hydrofluoric acid																															
Hydrofluoric acid	-> see: Hydrofluoric acid																															
Liquid soaps	—	—		?		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(2)	(2)	(2)	0/0	(3)	0/0	0/0			
Hydrofluoric acid	HF	007664-39-3	4 %	T, C		1/1	1/2	4/4	2/3	4/4	1/2	4/4	1/2	2/3	2/3	2/3	0/0	0/0	1/1	1/1	1/1	1/1	(3)	1/3	(2)	0/0	4/4	0/0	0/0	?		
Hydrofluoric acid	HF	007664-39-3	50 %	T+, C		1/1	1/1	4/4	4/4	4/4	1/1	4/4	1/1	4/4	3/4	2/3	2/0	3/3	1/1	1/1	1/1	1/1	3/4	1/3	3/4	0/0	4/4	4/4	4/4	?		
Hydrofluoric acid	HF	007664-39-3	70 %	T+, C		0/0	1/3	4/4	4/4	4/4	0/0	4/4	1/3	4/4	4/4	1/4	3/0	0/0	0/0	(1)	1/1	1/1	3/4	(3)	4/4	0/0	4/4	4/4	4/4	?		
Hydrofluoric acid	HF	007664-39-3	100 %	T+, C+		0/0	0/0	4/4	4/4	4/4	0/0	4/4	(2)	0/0	4/4	0/0	0/0	0/0	0/0	(1)	1/0	0/0	3/4	(3)	4/4	0/0	4/4	(3)	(3)	?		
Hydrofluoric acid, anhydrous	-> see: Hydrogen fluoride																															
Formaldehyde solution	CH ₂ O	000050-00-0	10 %	Xn		1/1	1/1	3/3	1/2	1/0	1/2	1/2	1/1	3/4	2/3	2/3	3/3	1/3	1/1	1/1	1/1	1/1	1/0	3/0	(2)	0/0	1/1	1/1	1/1	1/1		
Formaldehyde solution	CH ₂ O	000050-00-0	30 %	T		1/1	1/1	3/3	1/2	1/0	0/0	1/2	1/1	4/4	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	3/0	1/0	0/0	1/1	1/1	1/1	1/1		
Formaldehyde solution	CH ₂ O	000050-00-0	40 %	T		1/2	2/3	1/3	1/2	1/0	1/2	1/2	1/2	4/4	2/3	2/3	3/3	0/4	1/1	1/1	1/1	1/1	1/0	3/0	(3)	0/0	1/1	1/1	1/1	1/1		
Formalin	-> see: Formaldehyde solution																															
Formamide	CH ₃ NO	000075-12-7	tech. pure	T/Xi		1/1	1/1	1/0	(3)	0/0	0/0	1/0	1/1	1/0	0/0	4/4	4/4	0/0	0/0	1/0	1/1	(3)	3/0	2/3	4/4	0/0	1/1	1/1	1/1	1/1		
Formin	-> see: Hexamethylenetetramine																															
Formylic acid	-> see: Formic acid																															
Photo emulsions	—	—		?		1/0	0/0	1/0	(2)	(2)	0/0	1/0	1/1	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/1	(2)	(2)	(1)	0/0	(2)	0/0	0/0			
Photo developers	—	—		?		1/3	1																									

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK	
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A
Freon 11	-> see: Trichlorofluoromethane																													
Freon 112	-> see: Difluorotetrachloroethane																													
Freon 113	-> see: Trichlorotrifluoroethane																													
Freon 114	-> see: Dichlorotetrafluoroethane																													
Freon 114 B2	-> see: Dibromotetrafluoromethane																													
Freon 115	-> see: Chloropentafluoroethane																													
Freon 12	-> see: Dichlorodifluoromethane																													
Freon 13	-> see: Chlorotrifluoromethane																													
Freon 13 B1	-> see: Bromotrifluoromethane																													
Freon 14	-> see: Tetrafluoromethane																													
Freon 142b	-> see: Difluorochloroethane																													
Freon 152a	-> see: Difluoroethane																													
Freon 21	-> see: Dichlorofluoromethane																													
Freon 218	-> see: Perfluoropropane																													
Freon 22	-> see: Chlorodifluoromethane																													
Freon 31	-> see: Chlorofluoromethane																													
Freon 32	-> see: Difluoromethane																													
Freon C 318	-> see: Octafluorocyclobutane																													
Freon C316	-> see: Dichlorohexafluorocyclobutane																													
Frigen 12	-> see: Dichlorodifluoromethane																													
Frigen 21	-> see: Dichlorofluoromethane																													
Frigen 22	-> see: Chlorodifluoromethane																													
Antifreeze (KFZ)	—	—		Xn		1/1	1/1	3/3	(1)	1/0	0/0	1/1	1/1	1/1	0/0	0/0	0/0	0/0	(1)	1/0	1/1	1/0	1/2	1/1	0/0	(1)	1/1	1/1	1/1	Glycol-water mixtures
Fruit juices	—	—		—		1/1	1/1	1/0	1/0	1/0	1/0	1/1	1/1	1/0	0/0	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	(2)	1/1	1/1	1/1
Fruit sugar	-> see: Fructose																													
Fructose	C ₆ H ₁₂ O ₆	000057-48-7	any	—		1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	
Furan	C ₄ H ₄ O	000110-00-9		F+, T+	X	0/0	0/0	(3)	4/4	0/0	(4)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Furanal	-> see: Furfural																													
Furancarbinol, 2-	-> see: Furfuryl alcohol																													
Furanmethanol, 2-	-> see: Furfuryl alcohol																													
Furfural	-> see: Furfural																													
Furfural alcohol	-> see: Furfuryl alcohol																													
Furfuran	-> see: Furan																													
Furfural	C ₅ H ₄ O ₂	000098-01-1		T		1/3	3/4	3/3	(3)	1/0	0/0	2/0	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	1/2	3/0	4/4	4/4	0/0	1/1	1/1	1/1	0/0	
Furfuryl alcohol	C ₅ H ₆ O ₂	000098-00-0	tech. pure	Xn		1/1	1/3	1/0	(3)	1/0	0/0	1/0	1/3	0/0	4/4	4/4	4/4	3/4	0/0	(1)	1/1	1/3	3/0	(3)	4/4	0/0	(1)	(1)	(1)	0/0
Furylaldehyde, 2-	-> see: Furfural																													
Furylmethanal, 2-	-> see: Furfural																													
Gallotannin	-> see: Tannin																													
Gallic acid	C ₇ H ₆ O ₅ x H ₂ O	000149-91-7		Xi		1/1	1/1	1/0	(3)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/4	3/0	1/0	3/0	0/0	1/0	1/1	1/1	1/1	1/1
Fermentation amyl alcohol	-> see: Isoamyl alcohol																													
Fermentation mash	—	—		?		1/1	1/1	(2)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(2)	(1)	1/0	4/4	0/0	(2)	(1)	(1)	0/0
Gas oil (straight-run)	—	—		(Xn)		0/0	0/0	(1)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	(1)	(1)	
Gasoline	—	008006-61-9		(F, Xn)	X	0/0	0/0	(1)	3/4	(2)	0/0	1/2	3/4	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	3/0	0/0	1/1	(1)	(1)		
Gas water	—	—		?		0/0	0/0	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	(3)	(2)	(2)	0/0	(2)	0/0	0/0		
Gelatine	—	009000-70-8	any	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0	
Genantin	—	—		Xn		0/0	0/0	3/3	(2)	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/0	1/2	1/1	0/0	1/1	1/1	1/1		Antifreeze, basis glycol; Clariant
Tanning extracts, vegetable	—	—	tech. common	?		1/1	1/1	1/0	(3)	0/0	0/0	4/4	1/1	0/0	0/0	1/0	0/0	0/0	(1)	1/1	1/1	3/0	1/0	3/3	0/0	1/0	1/1	1/1	1/1	
Tanning extracts	—	—		?		1/1	1/1	1/0	(3)	0/0	0/0	4/4	1/3	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	3/0	1/0	3/3	0/0	1/0	1/1	1/1	1/1	
Tannic acid	-> see: Tannin																													
Gear oil, EP (hypoid), 110°C	—	—		?		0	0	1	1	1	0	4	(3)	0	0	0	0	0	0	(2)	0	4/4	0	4/4	0	(1)	1	1		
Plaster	-> see: Calcium sulphate																													
Glauber's salt	-> see: Sodium sulphate																													
Glucaric acid	-> see: Sugar acid																													
Glucose	C ₆ H ₁₂ O ₆	000050-99-7	any	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Glucose syrup	-> see: Starch syrup																													

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMMA	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C	
Glycerine	C ₃ H ₈ O ₃	000056-81-5	any	Xi		1/1	1/1	1/0	3/3	1/0	1/1	1/0	1/1	1/1	1/1	1/1	2/3	1/1	1/1	1/1	1/1	1/0	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/1	
Glycerol trinitrate	-> see: Nitroglycerin																														
Glycine	-> see: Aminoacetic acid																														
Glycol	-> see: Ethylene glycol																														
Glycol dinitrate	-> see: Nitroglycol																														
Glycolic acid	C ₂ H ₄ O ₃	000079-14-1	37 %	Xn		1/1	0/0	4/4	(2)	0/0	0/0	(3)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/3	1/0	2/0	1/0	0/0	1/0	1/3	1/3	1/1	
Glycolic acid	C ₂ H ₄ O ₃	000079-14-1	70 %	C, Xn		1/1	1/1	4/4	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(2)	1/0	3/0	(2)	0/0	(2)	1/3	1/3	1/1	
Glycocoll	-> see: Aminoacetic acid																														
Glycol chlorohydrin	-> see: Chloroethanol																														
Glysantin	—	—		Xn		1/1	1/1	3/3	(2)	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/2	1/1	0/0	1/1	1/1	1/1		Antifreeze, basis glycol; BASF
Glycerol triacetate	-> see: Triacetin																														
Firedamp	—	—		F+	X	0/0	0/0	1/0	(2)	(1)	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	4/4	1/0	1/0	0/0	1/1	(1)	(1)		mainly methane
Uric acid	C ₅ H ₄ N ₄ O ₃	000069-93-2		Xi		1/1	1/1	(2)	1/0	1/0	0/0	1/0	1/0	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/0	(1)	(1)	0/0	4/4	1/1	1/1	0/0	
Urea	CH ₄ N ₂ O	000057-13-6	aqueous	Xi		1/1	1/1	1/0	1/1	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/0	1/0	1/1	Urea, carbamide, etc.
Urea	CH ₄ N ₂ O	000057-13-6		Xi		1/1	1/1	1/0	1/1	1/0	1/2	1/1	1/1	1/2	3/3	2/4	3/3	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/0	1/0	1/1	Urea, carbamide, etc.
HD oil engine oil, aromatics-free	—	—		?		1/0	1/3	1/0	1/1	1/1	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	4/4	(1)	3/3	0/0	1/1	1/1	1/1		
Yeast	—	—	any	—		1/1	1/1	1/0	(1)	1/0	0/0	1/1	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	(1)	(1)		
Heating oil	—	—		Xn		3/3	3/4	1/0	3/3	1/0	2/3	1/1	1/3	3/4	1/2	1/1	3/3	1/1	1/1	1/1	1/1	4/4	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1	
Helium	He	007440-59-7		—		0/0	0/0	1/0	(1)	1/1	0/0	1/1	1/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	1/1	(1)	1/0	1/0	1/0	0/0	1/1	1/1	1/1		
Hendecanol	-> see: Undecyl alcohol																														
Henkel-P3-solution	—	—		?		1/1	1/1	(2)	(2)	(1)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	(2)	(2)	1/0	0/0	0/0	1/1	1/1		Cleaning agents
Heptan, n-	C ₇ H ₁₆	000142-82-5		F, Xn	X	2/3	3/4	1/0	1/2	1/0	3/3	1/2	2/4	4/4	1/2	2/3	4/4	1/0	1/1	1/1	1/1	1/1	4/4	1/1	1/1	0/0	1/1	1/1	1/1	0/0	
Heptanol, 1-	C ₇ H ₁₆ O	000111-70-6		Xn		0/0	0/0	(2)	(2)	(1)	0/0	(1)	(2)	0/0	0/0	0/0	0/0	1/3	0/0	(1)	(1)	(1)	4/4	(1)	1/0	0/0	(1)	(1)	(1)		
Heptanon	C ₇ H ₁₄ O	—		(Xn)	X	0/0	0/0	(3)	(4)	(4)	(4)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(4)	(4)	4/4	0/0	(1)	(1)	(1)		Isomer not specified in the source
Heptanon-4	-> see: Dipropylketone																														
Heptyl alcohol	-> see: Heptanol, 1-																														
Hexachlorobenzene (HCB)	C ₆ Cl ₆	000118-74-1		T		0/0	0/0	(3)	(4)	0/0	(4)	1/0	(3)	0/0	0/0	0/0	0/0	1/1	0/0	(1)	(2)	0/0	4/4	(3)	4/4	0/0	(1)	0/0	0/0		
Hexachlorobutadiene (HCBD)	C ₄ Cl ₆	000087-68-3		T		0/0	0/0	(3)	4/4	0/0	(4)	1/0	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(2)	(3)	4/4	1/0	4/4	0/0	(3)	0/0	0/0		
Hexachlorocyclohexane (HCH)	C ₆ H ₆ Cl ₆	000319-84-6		T		0/0	0/0	(3)	(4)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	0/0	4/4	1/0	4/4	0/0	(3)	0/0	0/0		
Hexadecanol	-> see: Cetyl alcohol																														
Hexadecanoic acid	-> see: Palmitic acid																														
Hexadecyl alcohol	-> see: Cetyl alcohol																														
Hexahydrobenzene	-> see: Cyclohexan																														
Hexahydrophenol	-> see: Cyclohexanol																														
Hexahydropyridine	-> see: Piperidine																														
Hexahydrotoluene	-> see: Methylcyclohexane																														
Hexaldehyde	-> see: Hexanal																														
Hexamethylenetetramine	C ₆ H ₁₂ N ₄	000100-97-0		F, Xn	X	0/0	0/0	(2)	(2)	1/0	0/0	(2)	(2)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(2)	(2)	(2)	(3)	0/0	(1)	1/1	1/1	0/0	
Hexamine	-> see: Hexamethylenetetramine																														
Hexane, n-	C ₆ H ₁₄	000110-54-3		F, Xn	X	2/3	4/4	1/0	(2)	1/0	3/4	1/1	2/3	4/4	1/2	2/4	4/4	1/1	1/1	1/1	1/1	1/1	4/4	1/1	1/1	0/0	1/1	1/1	1/1	0/0	
Hexanal	C ₆ H ₁₂ O	000066-25-1		F, Xi	X	0/0	0/0	0/0	(4)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		
Hexanedioic acid	-> see: Adipic acid																														
Hexanol, (1-)	C ₆ H ₁₄ O	000111-27-3		Xn		1/0	1/0	(2)	(2)	(1)	0/0	(1)	1/2	0/0	3/0	1/0	3/0	1/3	0/0	(1)	1/0	(1)	4/4	1/0	1/0	0/0	(1)	(1)	(1)	0/0	
Hexanone-2	-> see: Methyl butyl ketone																														
Hexanetriol	C ₆ H ₁₄ O ₃	—	100 %	?		1/1	1/1	(2)	(2)	(1)	0/0	(1)	1/1	1/0	0/0	1/1	3/3	1/1	0/0	(1)	1/1	(1)	1/0	1/0	1/0	0/0	(1)	(1)	(1)	0/0	Isomer not specified in the source
Hexen, 1-	C ₆ H ₁₂	000592-41-6		F, Xn	X	0/0	0/0	1/0	(2)	(1)	(4)	(1)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	1/0	3/3	0/0	1/1	1/1	1/1		
Hexylaldehyde	-> see: Hexanal																														
Hexyl alcohol	-> see: Hexanol, (1-)																														
Hexylene	-> see: Hexen, 1-																														
Staghorn salt	-> see: Ammonium carbonate																														
Wood alcohol	-> see: Methanol																														
Wood oil	—	008001-20-5		—		0/0	0/0	(1)	(2)	1/0	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	(1)	1/0	0/0	1/1	(1)	(1)		
Wood tar oil	-> see: Creosote																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics										Fluoroplastics				Elastomers				Metals				REMARK		
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL		V2A	V4A
Honey	—	—		—		1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	1/1	(1)	(1)	(1)	0/0		
Gibbsite	-> see: Aluminium hydroxide																													
Hydraulic fluids, HFA	—	—	50°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	(1)	0	4	0	1	0	(2)	0	0		
Hydraulic fluids, HFB	—	—	50°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	(1)	0	4	0	1	0	(2)	0	0		
Hydraulic fluids, HFC	—	—	60°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	(1)	0	0	0	1	0	(2)	0	0		
Hydraulic fluids, HFD-R	—	—	100°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	0	0	0	4	0	(2)	0	0			
Hydraulic fluids, HFD-S	—	—	100°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	0	0	0	4	0	(2)	0	0			
Hydraulic oils (mineral oil based)	—	—	?	?		0/0	0/0	0/0	0/0	(1)	0/0	1/0	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	4/4	(1)	1/0	0/0	1/1	1/1		
Hydrazine	N ₂ H ₄	000302-01-2	10 %	T	X	1/1	1/0	4/4	(4)	0/0	0/0	2/0	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/0	1/0	1/3	1/0	3/4	4/4	0/0	1/0	1/3	1/3	1/1
Hydrazine hydrate	N ₂ H ₆ O	010217-52-4	aqueous	(T, C)	(X)	1/1	1/0	4/4	(4)	0/0	0/0	2/0	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/0	1/0	1/3	1/0	3/4	4/4	0/0	1/0	1/3	1/3	0/0
Hydrazinium hydroxide	-> see: Hydrazine hydrate																													
Hydrazinobenzene	-> see: Phenylhydrazine																													
Hydroquinone	C ₆ H ₆ O ₂	000123-31-9	saturated	Xn		0/0	1/3	4/4	(3)	1/0	0/0	(3)	1/0	4/4	0/0	1/0	0/0	1/3	0/0	(1)	1/1	(3)	4/4	4/4	4/4	0/0	(1)	1/0	1/0	0/0
Hydrosulphite	-> see: Sodium dithionite																													
Hydroxy-4-methyl-2-pentanone, 4-	-> see: Diacetone alcohol																													
Hydroxybenzaldehyde, 2-	-> see: Salicylaldehyde																													
Hydroxybenzoic acid, 2-	-> see: Salicylic acid																													
Hydroxybenzene	-> see: Phenol																													
Hydroxybenzenecarboxylic acid, 2-	-> see: Salicylic acid																													
Hydroxyacetic acid	-> see: Glycolic acid																													
Hydroxylamine sulphate	-> see: Hydroxylammonium sulphate																													
Hydroxylammonium sulphate	H ₈ N ₂ SO ₆	010039-54-0	12 %	Xn		1/1	1/1	0/0	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	1/0	1/3	0/0	(4)	1/1	1/1	1/1
Hydroxylammonium sulphate	H ₈ N ₂ SO ₆	010039-54-0	any	Xn		1/1	0/0	0/0	(2)	0/0	0/0	(3)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	1/0	1/3	0/0	(4)	1/1	1/1	1/1
Hydroxymethoxybutane	-> see: Methoxybutanol																													
Hydroxymethylfuran, 2-	-> see: Furfuryl alcohol																													
Hydroxymethylfurfural, 5-	-> see: Oxymethylfurfural, 5-																													
Hydroxymethyl tetrahydrofuran, 2-	-> see: Tetrahydrofurfuryl alcohol																													
Hydroxypropane	-> see: Propanol																													
Hydroxypropane, 2-	-> see: Isopropyl																													
Hydroxypropionic acid, 2-	-> see: Lactic acid																													
Hydroxypropionic acid ethyl ester, 2-	-> see: Ethyl lactate																													
Hydroxytoluene	-> see: Cresol (-mixtures)																													
Iminodiethanol	-> see: Diethanolamine																													
Ginger	—	—	grinded	?		0/0	0/0	(2)	(2)	(2)	0/0	(1)	(2)	4/4	0/0	0/0	0/0	3/3	0/0	(1)	(1)	(1)	(2)	(1)	(2)	0/0	(1)	(1)		
Isoamyl alcohol	C ₈ H ₁₈ O	000123-51-3		Xn	X	0/0	0/0	(2)	3/0	1/0	0/0	1/0	1/1	1/3	0/0	0/0	0/0	1/3	0/0	(1)	1/1	1/1	3/0	2/4	3/3	0/0	(1)	(1)		
Isobutanol	C ₄ H ₁₀ O	000078-83-1		Xn	X	1/1	1/1	(2)	1/2	(2)	1/2	1/0	1/1	2/2	1/2	1/2	0/0	3/4	1/1	1/1	(1)	1/1	1/0	1/0	3/4	0/0	1/0	(1)	0/0	
Isobutyl acetate	C ₈ H ₁₆ O ₂	000110-19-0		F	X	0/0	0/0	(2)	(4)	0/0	(4)	1/0	(3)	4/4	0/0	3/0	4/4	0/0	0/0	(1)	1/0	(2)	2/0	4/4	4/4	0/0	(1)	(1)		
Isobutyl alcohol	-> see: Isobutanol																													
Isobutyl ketone	-> see: Diisobutyl ketone																													
Isobutyl methyl ketone	C ₈ H ₁₆ O	000108-10-1		F	X	1/2	2/3	1/0	4/4	(4)	3/3	(2)	2/4	4/4	4/4	4/4	4/4	2/3	1/1	1/1	(3)	4/4	4/4	4/4	0/0	(1)	(1)	0/0		
Isobutyltrimethylmethane	-> see: Iso-octane																													
Iso-octane	C ₈ H ₁₈	000540-84-1	tech. pure	F, Xn	X	1/3	1/3	1/0	(2)	1/0	(4)	1/0	1/3	3/4	1/0	1/0	4/4	1/1	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	0/0	
Isooctanol	-> see: Ethylhexanol-1																													
Isooctyl alcohol	-> see: Ethylhexanol-1																													
Isopropyl	C ₃ H ₈ O	000067-63-0	tech. pure	F	X	1/1	1/1	1/0	1/2	1/0	1/2	1/0	1/1	2/2	1/2	1/2	4/4	1/4	1/1	1/1	1/1	1/0	1/1	3/3	0/0	(2)	(1)	0/0		
Isopropyl-4-methylbenzene, 1-	-> see: Cymene, p-																													
Isopropyl-5-methylcyclohexanol, 2-	-> see: Menthol																													
Isopropyl-5-methylphenol, 2-	-> see: Thymol																													
Isopropyl acetate	C ₈ H ₁₆ O ₂	000108-21-4		F, Xi	X	1/2	2/3	1/0	4/4	(3)	2/3	1/0	2/3	4/4	4/4	4/4	0/0	1/2	1/1	1/1	(3)	3/0	4/4	4/4	0/0	(1)	(1)	0/0		
Isopropyl acetone	-> see: Isobutyl methyl ketone																													
Isopropyl alcohol	-> see: Isopropyl																													
Isopropylbenzene	-> see: Cumene																													
Isopropylbenzol	-> see: Cumene																													
Isopropyl chloride	C ₃ H ₇ Cl	000075-29-6		F, Xn	X	0/0	0/0	(2)	(4)	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	4/4	0/0	(3)	0/0		
Isopropyl ether	C ₆ H ₁₄ O	000108-20-3	tech. pure	F	X	3/4	3/4	4/4	(4)	1/0	(4)	(1)	3/4	4/4	1/0	4/4	4/4	0/0	0/0	(1)	1/1	1/3	4/4	4/4	4/4	0/0	1/1	0/0		
Isopropylidene acetone	-> see: Mesityl oxide																													

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics					Elastomers					Metals					REMARK	
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A		Hastelloy C
Isopropyl methyl ketone	C ₃ H ₁₀ O	000563-80-4		F	X	0/0	0/0	(2)	4/4	(4)	(4)	(2)	(3)	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		
Jasminaldehyde	-> see: α-pentylcinnamaldehyde																														
Iodine potassium	-> see: Potassium iodide																														
Iodoform	CHJ ₃	000075-47-8	100 %	Xn		3/0	3/0	(3)	3/0	0/0	0/0	(2)	3/0	3/0	0/0	4/4	4/4	0/0	0/0	(1)	1/0	(2)	1/0	1/0	(3)	0/0	(3)	(1) ¹⁾	(1) ¹⁾	1/1	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.
Iodine pentafluoride	JF ₅	007783-66-6		(T, C)		0/0	0/0	4/4	(4)	(4)	0/0	4/4	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(2)	(3)	4/4	4/4	4/4	0/0	(3)	0/0	0/0			
Tincture of iodine	I ₂	007553-56-2		Xn	(X)	1/3	1/3	4/4	3/4	0/0	1/1	1/1	1/2	3/3	0/0	4/4	4/4	3/3	1/1	0/0	1/1	1/1	2/0	1/1	3/3	0/0	1/0	2/0L	1/0L	1/1	
Cocoa	—	—		(—)		1/1	1/1	(2)	(1)	(2)	0/0	1/1	(2)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(2)	(1)	(2)	0/0	(1)	(1)	(1)		
Cocoa butter	—	008002-31-1		—		0/0	0/0	1/0	(1)	1/0	0/0	1/1	(2)	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	4/4	1/0	4/4	0/0	(1)	1/1	1/1			
Potash alum	-> see: Potassium aluminium sulphate																														
Potash lye	-> see: Potassium hydroxide																														
Potassium peroxodisulphate	-> see: Potassium persulphate																														
Potassium nitrate	-> see: Potassium nitrate																														
Potassium (hexa)cyanoferrate-(II)	-> see: Potassium hexacyanoferrate (II)																														
Potassium (hexa)cyanoferrate-(III)	-> see: Potassium hexacyanoferrate (III)																														
Potassium acetate	C ₂ H ₃ KO ₂	000127-08-2	aqueous	Xi		1/1	1/1	1/0	(1)	(2)	0/0	1/1	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/0	1/1	1/1	3/0	3/3	0/0	1/3	1/1	1/1	0/0	
Potassium aluminium sulphate	KAl(SO ₄) ₂ x 12H ₂ O	010043-67-1	diluted	Xi		1/1	1/1	1/0	1/0	(2)	0/0	3/4	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/0	3/3	0/0	1/0	1/1	1/1	1/1	1/1	
Potassium aluminium sulphate	KAl(SO ₄) ₂ x 12H ₂ O	010043-67-1	saturated	Xi		1/1	1/1	1/0	1/0	(2)	0/0	3/4	1/1	1/0	1/0	1/3	1/3	0/0	1/1	1/1	1/1	1/1	1/1	1/0	3/3	0/0	1/0	(1)	(1)	0/0	
Potassium bicarbonate	-> see: Potassium hydrogen carbonate																														
Potassium bichromate	-> see: Potassium dichromate																														
Potassium bisulphate	-> see: Potassium hydrogen sulphate																														
Potassium bitartrate	-> see: Potassium hydrogentartrate																														
Potassium borate	KBO ₂	012228-88-5	10 %	(Xn)		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	1/3	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	1/1	0/0	(3)	0/0	0/0	0/0	
Potassium borate	KBO ₂	012228-88-5	aqueous	(Xn)		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	1/1	0/0	(3)	0/0	0/0	0/0	
Potassium bromate	KBrO ₃	007758-01-2	saturated	O, T		1/3	1/3	(2)	1/0	0/0	0/0	(2)	1/1	1/1	0/0	1/3	0/0	1/1	0/0	(1)	1/1	1/1	1/0	1/1	1/1	0/0	(2)	0/0	0/0	0/0	
Potassium bromate	KBrO ₃	007758-01-2	aqueous	O, T		0/0	0/0	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	1/1	0/0	(2)	0/0	0/0	0/0	0/0	
Potassium bromide	KBr	007758-02-3	any	Xn		1/1	1/1	3/0	1/0	(1)	1/0	1/1	1/1	1/1	0/0	1/3	1/0	1/1	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/0	1/0L	1/0L	1/1	
Potassium carbonate	K ₂ CO ₃	000584-08-7	saturated	Xn		1/1	1/1	1/1	3/3	(2)	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0	1/1	1/1	1/3	1/0	1/0	1/1	0/0	4/4	1/1	1/1	1/1	
Potassium carbonate	K ₂ CO ₃	000584-08-7	aqueous	Xn		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	4/4	1/1	1/1	1/1	1/1	
Potassium chlorate	KClO ₃	003811-04-9	saturated	O, Xn		1/1	0/0	1/0	(2)	0/0	0/0	2/0	1/1	1/0	0/0	1/1	0/0	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	1/1	
Potassium chlorate	KClO ₃	003811-04-9	aqueous	O, Xn		1/1	0/0	1/0	(2)	0/0	0/0	2/0	1/1	1/0	0/0	1/1	0/0	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	1/1	
Potassium chloride	KCl	007447-40-7	aqueous	Xi		1/1	1/1	1/0	1/0	1/0	1/0	1/1	1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/3	1/1L	1/1L	1/1	1/1	
Potassium chromate	K ₂ CrO ₄	007789-00-6	saturated	T		1/0	1/1	2/0	(2)	0/0	1/0	(2)	1/1	1/1	0/0	1/1	1/0	1/1	0/0	(1)	1/1	1/1	1/0	1/0	3/3	0/0	1/1	(1)	(1)	1/1	
Potassium chromate	K ₂ CrO ₄	007789-00-6	aqueous	T		0/0	0/0	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/0	3/3	0/0	1/1	(1)	(1)	1/1	1/1	
Potassium cyanide	KCN	000151-50-8	saturated	T+		1/1	1/1	1/0	4/4	0/0	0/0	3/0	1/1	0/0	0/0	1/3	4/4	0/0	0/0	1/1	1/1	1/3	1/0	1/1	3/3	0/0	3/4	1/0	1/0	1/1	
Potassium cyanide	KCN	000151-50-8	aqueous	T+		1/1	1/1	1/0	4/4	0/0	0/0	3/0	1/1	0/0	0/0	1/3	1/4	0/0	0/0	1/1	1/1	1/3	1/0	1/1	3/3	0/0	3/4	1/0	1/0	1/1	
Potassium dichromate	K ₂ Cr ₂ O ₇	007778-50-9	saturated	T		1/1	1/0	4/4	3/0	3/0	1/0	3/0	1/1	1/3	0/0	1/3	1/0	1/3	0/0	(1)	1/1	1/1	1/0	2/0	3/3	0/0	1/1	1/1	1/1	1/1	
Potassium dichromate	K ₂ Cr ₂ O ₇	007778-50-9	aqueous	T		0/0	0/0	3/0	1/0	3/0	0/0	3/0	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	2/0	3/3	0/0	1/1	1/1	1/1	1/1	1/1	
Potassium iron (II) cyanide	-> see: Potassium hexacyanoferrate (III)																														
Potassium iron (III) cyanide	-> see: Potassium hexacyanoferrate (II)																														
Potassium fluoride	KF	007789-23-3		T		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	1/0	(1)	0/0	1/1	1/1	1/1	1/1	0/0	
Potassium hydrogen carbonate	CHKO ₃	000298-14-6	saturated	—		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	0/0	4/4	(1)	(1)	1/1	
Potassium hydrogen sulphate	KHSO ₄	007646-93-7	aqueous	(C)		1/1	1/1	4/4	1/0	(2)	0/0	2/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	4/4	4/4	4/4	1/1	
Potassium hydrogen sulphate	KHSO ₄	007646-93-7		C		1/1	1/1	4/4	1/0	0/0	0/0	2/0	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/0	1/0	4/4	4/4	4/4	?		
Potassium hydrogentartrate	C ₄ H ₄ KO ₆	000868-14-4	saturated	Xi		1/1	1/1	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0	(4)	1/3	1/2	0/0	
Potassium hydroxide	KHO	001310-58-3	10 %	C+		1/1	1/1	1/0	4/4	4/4	0/0	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	4/4	3/3	0/0	4/4	1/1	1/1	1/1	1/1	
Potassium hydroxide	KHO	001310-58-3	30 %	C+		1/1	1/1	1/3	4/4	4/4	1/0	(3)	1/1	1/0	1/0	1/3	1/0	0/0	0/0	1/1	(2)	1/0	4/4	3/3	0/0	4/4	1/1	1/1	1/1	1/1</	

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK			
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMMA	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI			AL	V2A	V4A
Potassium iodide	KJ	007681-11-0	aqueous	(Xn)	1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/3	0/0	1/1	1/1L	1/1L	1/1		
Potassium nitrate	KNO ₃	007757-79-1	50 %	O, Xn	1/1	1/1	1/0	1/0	(1)	1/0	1/1	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1		
Potassium nitrate	KNO ₃	007757-79-1	aqueous	O, Xn	1/1	1/1	1/0	1/0	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1		
Potassium perchlorate	KClO ₄	007778-74-7	saturated	O, Xn	1/1	1/1	(1)	1/0	(1)	1/0	1/1	1/1	0/0	0/0	1/3	3/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/3	0/0	1/1	1/1	1/1	1/1		
Potassium perchlorate	KClO ₄	007778-74-7	aqueous	O, Xn	1/1	1/1	(1)	1/0	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1		
Potassium permanganate	KMnO ₄	007722-64-7	aqueous	O, Xn	0/0	0/0	4/4	1/0	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	hypermanganic potash	
Potassium permanganate	KMnO ₄	007722-64-7		O, Xn	1/3	1/1	4/4	1/0	(2)	1/1	1/1	1/1	1/3	0/0	1/3	0/0	1/3	1/1	1/1	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	hypermanganic potash	
Potassium persulphate	K ₂ (SO ₄) ₂	007727-21-1	any	O, Xn	1/1	1/1	4/4	1/0	0/0	1/0	(3)	1/1	1/0	0/0	1/3	1/0	1/1	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	4/4	1/0	1/0	1/1		
Potassium sulphate	K ₂ SO ₄	007778-80-5	aqueous	Xn	1/1	1/1	1/0	(1)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	1/1		
Potassium sulphide	K ₂ S	001312-73-8	diluted	(C)	1/1	1/1	1/0	(2)	(2)	1/0	(2)	1/1	1/1	0/0	1/0	1/0	1/1	0/0	(1)	1/1	1/1	(1)	(1)	2/0	0/0	3/4	1/1	1/1	1/1	0/0	
Potassium sulphite	K ₂ SO ₃	010117-38-1	saturated	(Xi)	1/1	1/1	(1)	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/1	1/0	1/0	1/0	0/0	1/0	1/0	1/0	0/0		
Potassium thiosulphate	K ₂ S ₂ O ₃	010233-00-8	saturated	Xi	1/1	1/1	(1)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	3/3	0/0	(1)	(1)	(1)			
Lime, burnt	-> see: Calcium oxide																														
Hydrated lime	-> see: Calcium hydroxide																														
Lime nitrate	-> see: Calcium nitrate																														
Lime water	-> see: Calcium hydroxide																														
Cardamom	—	—		?	0/0	0/0	(2)	(2)	(2)	0/0	(2)	(2)	4/4	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(1)	(2)	(1)	(2)	0/0	(1)	(1)	(1)			
Rubber (caoutchouc) dispersion	—	—		?	0/0	0/0	1/0	(2)	(2)	0/0	2/3	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	(3)	(1)	(2)	0/0	(3)	(1)	(1)		Latex	
Kerosene	—	008008-20-6		(Xn)	2/2	3/4	(1)	4/4	1/1	2/3	1/1	3/3	4/4	2/3	1/1	0/0	0/0	2/3	1/1	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1	0/0	Lamp oil, light petroleum	
Pine needle oil	—	008023-99-2		?	0/0	0/0	1/0	(3)	0/0	(4)	(2)	1/1	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	1/0	1/0	0/0	1/1	(1)	(1)	0/0	Pinus sylvestris	
Silicofluoric acid	H ₂ SiF ₆	016961-83-4	32 %	C	1/1	1/1	4/4	1/0	4/4	0/0	4/4	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/1	3/0	2/2	3/4	0/0	4/4	(2)	1/1	1/1		
Silicic acid	SiO ₂	001343-98-2	any	—	1/1	1/1	(1)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	(1)	1/1	1/1	1/1		
Silicic acid tetraethylester	-> see: Tetraethylorthosilicate																														
Bone oil	—	008001-85-2		—	0/0	0/0	(1)	(2)	1/0	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(1)	4/4	1/0	1/0	0/0	(1)	1/1	1/1			
Common salt	-> see: Sodium chloride																														
Carbon (substance) disulphide	-> see: Carbon disulphide																														
Carbon dioxide	CO ₂	000124-38-9	saturated	?	1/3	1/1	1/0	1/0	1/1	1/0	1/1	1/1	1/0	1/0	1/3	1/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	1/1	0/0	3/3	1/1	1/1	1/1		
Carbon dioxide, moist	CO ₂	000124-38-9	tech. pure	?	1/1	1/1	1/0	(1)	1/1	0/0	1/1	1/1	0/0	0/0	1/3	0/0	1/1	0/0	(1)	1/1	1/1	2/0	1/1	1/1	0/0	3/3	1/1	1/1	1/1		
Carbon dioxide, dry	CO ₂	000124-38-9	tech. pure	?	1/1	1/1	1/0	(1)	1/1	0/0	1/1	1/1	0/0	0/0	1/1	0/0	1/1	0/0	(1)	1/1	1/1	2/0	1/1	1/1	0/0	3/3	1/1	1/1	1/1		
Carbonic acid	-> see: Carbon dioxide																														
Carbonic acid dichloride	-> see: Phosgene																														
Carbon tetrabromide	-> see: Carbon tetrabromide																														
Carbon tetrachloride	-> see: Carbon tetrachloride																														
Coconut fat	—	—		—	0/0	0/0	1/0	(2)	1/0	0/0	(2)	(2)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/0	0/0	(1)	1/1	1/1			
Coconut oil alcohol	—	068425-37-6	tech. pure	(Xi)	1/0	0/0	(1)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	3/0	1/1	1/1	0/0	(1)	1/1	1/1			
Coconut oil	—	008001-31-8	tech. pure	—	1/3	1/3	1/0	(2)	1/0	0/0	(2)	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/1	1/1	0/0	(1)	1/1	1/1			
Aqua regia	HNO ₃ + HCl	008007-56-5		C	4/4	4/4	4/4	4/4	4/4	3/3	4/4	4/4	4/4	4/4	4/4	4/4	3/4	1/1	(2)	1/1	3/0	4/4	4/4	4/4	0/0	4/4	4/4	4/4	4/4	4/4	Aqua regia = Nitric acid + hydrochloric acid
Fuel + 20% ethanol	—	—		F, T	X	0/0	0/0	(1)	4/4	0/0	(4)	2/2	(3)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	3/0	3/0	0/0	(1)	1/1	1/1			
Fuel + 20% methanol	—	—		F, T	X	0/0	0/0	(1)	4/4	0/0	(4)	2/2	(3)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	(3)	4/4	0/0	(1)	1/1	1/1			
Fuel, Normal	—	—		F, T	X	0/0	0/0	1/0	3/0	1/1	(4)	2/2	3/4	4/4	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	3/0	0/0	1/1	1/1	1/1			
Fuel, Super	—	—		F, T	X	0/0	0/0	1/0	4/4	(2)	(4)	2/2	3/4	4/4	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	3/0	0/0	1/1	1/1	1/1			
Chalk	CaCO ₃	—		—	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	Calcium carbonate	
Creosote	—	—		(T)	1/1	1/1	3/0	(3)	0/0	0/0	(3)	3/4	0/0	1/0	3/0	4/4	0/0	0/0	(1)	1/1	(3)	4/4	(3)	1/0	0/0	(2)	1/1	1/1	1/1	0/0	
Cresol (-mixtures)	C ₇ H ₈ O	001319-77-3		T, C	3/4	4/4	4/4	4/4	4/4	4/4	2/3	4/4	4/4	4/4	4/4	4/4	3/4	1/2	1/1	1/1	1/1	4/4	1/0	4/4	0/0	1/1	1/0	1/0	1/1		
Carum	—	—	grinded	?	0/0	0/0	(2)	(2)	1/0	1/1	(2)	4/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(1)	(2)	0/0	4/4	(1)	(1)				
Kupfer-(I)-chlorid	CuCl	007758-89-6	aqueous	Xn	0/0	0/0	(3)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	1/0	0						

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MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C	
Methanol	CH ₃ O	000067-56-1		F, T	X	1/1	1/1	2/0	4/4	1/0	1/1	1/1	1/1	3/4	3/3	1/3	3/3	3/4	1/1	1/1	1/1	1/0	3/4	3/3	0/0	1/0	1/1	1/1	0/0		
Methanoic acid	-> see: Formic acid																														
Methenamine	-> see: Hexamethylenetetramine																														
Methoxybenzene	-> see: Anisole																														
Methoxybutanol	C ₅ H ₁₂ O ₂	—	100 %	?	X	0/0	1/3	(2)	(3)	0/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	3/0	1/0	/0	0/0	(1)	(1)	(1)	Isomer not specified in the source	
Methoxyethanol	-> see: Methyl glycol																														
Methoxyethyl acetate	-> see: Methyl glycol acetate																														
Methoxyethyl oleate	C ₂₁ H ₄₀ O ₃	000111-10-4		?		1/1	1/2	(2)	3/4	(2)	1/2	(2)	1/2	4/4	4/4	4/4	0/0	0/0	1/1	1/1	(1)	(1)	4/4	(2)	4/4	0/0	(1)	(1)	(1)	Plasticiser	
Methoxypropanol	-> see: Propylene glycol methyl ether																														
Methyl ethyl ether	C ₃ H ₈ O	000540-67-0	100 %	(F+)	X	0/0	3/0	(1)	(4)	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	1/0	(2)	4/4	4/4	4/4	0/0	1/1	(1)	(1)		
Methyl 2-hydroxybenzoate	-> see: Methyl salicylate																														
Methyl 2-methyl propionate	-> see: Methyl methacrylate																														
Methyl acetate	-> see: Acetic acid methyl ester																														
Methacrolein	-> see: Crotonaldehyde																														
Methyl acrylate	C ₄ H ₆ O ₂	000096-33-3		F, Xn	X	0/0	0/0	(2)	4/4	(4)	(4)	(2)	(2)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	4/4	4/4	0/0	(1)	(1)	(1)		
Methylacrylic acid	-> see: Methacrylic acid																														
Methyl alcohol	-> see: Methanol																														
Methylamine, (Mono-)	CH ₃ N	000074-89-5	32 %	F+, C	X	1/0	1/0	4/4	4/4	0/0	0/0	1/0	1/0	0/0	0/0	3/0	4/4	0/0	0/0	(1)	1/0	3/0	1/0	4/4	4/4	0/0	1/0	1/0	1/0	0/0	
Methylbenzene	C ₇ H ₈	000108-88-3		F, Xn	X	3/4	3/4	1/0	4/4	1/0	3/3	1/3	3/4	4/4	4/4	4/4	4/4	1/1	1/1	1/0	1/1	4/4	3/3	4/4	0/0	1/1	1/1	1/1	1/1		
Methyl bromide	-> see: Bromomethane																														
Methylbutanol	C ₅ H ₁₂ O	—		Xn	X	0/0	0/0	(2)	(2)	1/0	0/0	1/0	1/1	0/0	0/0	0/0	0/0	1/3	0/0	(1)	1/1	1/1	3/0	2/2	3/3	0/0	(1)	(1)	(1)	Isomer not specified in the source	
Methylbutanol, 3-	-> see: Isoamyl alcohol																														
Methylbutanone-2, 3-	-> see: Isopropyl methyl ketone																														
Methyl butyl alcohol	-> see: Methylbutanol																														
Methyl butyl ketone	C ₆ H ₁₂ O	000591-78-6		F, T	X	0/0	0/0	(2)	(4)	(4)	(4)	(2)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	1/0	4/4	4/4	0/0	(1)	(1)	(1)		
Methyl cellosolve	-> see: Methyl glycol																														
Methyl chloroacetate	C ₃ H ₅ ClO ₂	000096-34-4	tech. pure	T/Xi	X	1/1	0/0	(3)	4/4	(4)	(4)	(3)	1/1	4/4	0/0	3/0	0/0	0/0	0/0	(1)	(1)	1/4	3/0	4/4	4/4	0/0	3/4	0/0	0/0	0/0	
Methyl chloride	-> see: Chloromethane																														
Methyl chloroform	-> see: Trichloroethane-1,1,1																														
Methyl cyanide	-> see: Acetonitrile																														
Methylcyclohexane	C ₇ H ₁₄	000108-87-2		F, Xn	X	3/0	3/0	(2)	(2)	1/0	(4)	(2)	3/0	0/0	0/0	0/0	0/0	1/1	0/0	(1)	1/0	(1)	4/4	(1)	4/4	0/0	1/1	1/1	1/1	0/0	
Methylcyclopentane	C ₆ H ₁₂	000096-37-7		F	X	0/0	0/0	(2)	(2)	1/0	(4)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	1/0	4/4	0/0	1/1	1/1	1/1		
Methyl dichloroacetate	C ₃ H ₄ Cl ₂ O ₂	000116-54-1		(Xn)		1/1	0/0	(3)	(4)		(4)	(3)	1/1	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/1	3/3	4/4	4/4	4/4	0/0	(3)	0/0	0/0		
Methylene(di)chloride	-> see: Dichloromethane																														
Methylene chlorobromide	-> see: Bromochloromethane																														
Methyl ether	-> see: Dimethyl ether																														
Methyl ethyl ketone (MEK)	C ₄ H ₈ O	000078-93-3		F	X	1/3	3/4	1/0	4/4	4/4	4/4	1/2	1/3	4/4	4/4	4/4	4/4	4/4	2/3	1/1	1/1	3/4	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Methyl formate	C ₂ H ₄ O ₂	000107-31-3		F+	X	0/0	0/0	(2)	4/4	0/0	(4)	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	2/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Methyl glycol	C ₃ H ₈ O ₂	000109-86-4	100 %	T	X	1/0	1/1	1/0	3/4	0/0	1/1	1/0	1/1	4/4	3/3	3/4	4/4	0/0	1/1	1/1	1/1	1/1	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Methyl glycol acetate	C ₅ H ₁₀ O ₃	000110-49-6		T		0/0	0/0	1/0	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		
Methyl isobutenyl ketone	-> see: Mesityl oxide																														
Methyl isobutyl ketone(MIBK)	-> see: Isobutyl methyl ketone																														
Methyl isopropyl ketone	-> see: Isopropyl methyl ketone																														
Methyl methacrylate	C ₅ H ₈ O ₂	000080-62-6	100 %	F, Xi	X	0/0	0/0	(2)	4/4	(4)	(4)	(2)	(2)	4/4	0/0	4/4	4/4	0/0	0/0	1/0	1/1	(3)	4/4	4/4	4/4	0/0	1/1	(1)	(1)	0/0	
Methyl methanoate	-> see: Methyl formate																														
Methyl oleate	C ₁₉ H ₃₆ O ₂	000112-62-9		—		0/0	0/0	(2)	(3)	(2)	(4)	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	3/0	1/0	4/4	0/0	(1)	(1)	(1)		
Methyl oxirane	-> see: Propylene oxide																														
Methylpent-4-en-2-one, 5-	-> see: Mesityl oxide																														
Methylpentan-2-one, 4-	-> see: Isobutyl methyl ketone																														
Methylphenol	-> see: Cresol (-mixtures)																														
Methylphenyl ether	-> see: Anisole																														
Methylphenyl ketone	-> see: Acetophenone																														
Methylpropanol-1, 2-	-> see: Isobutanol																														
Methylpropanol-2, 2-	-> see: Butyl alcohol, tertiary																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics													Fluoroplastics					Elastomers					Metals					REMARK
						HDPE	LDPE	PA	PC	PETG	PMMA	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C				
Methyl propenoate	-> see: Methyl acrylate																																	
Methylpropenoic acid, 2-	-> see: Methacrylic acid																																	
Methyl propyl ketone	C ₈ H ₁₀ O	000107-87-9		(F)	X	1/2	2/3	(2)	4/4	(4)	3/3	(2)	2/3	4/4	4/4	4/4	0/0	4/4	1/2	1/1	(1)	(2)	(3)	4/4	4/4	0/0	(1)	(1)	(1)					
Methyl salicylate	C ₈ H ₈ O ₃	000119-36-8		Xn, Xi		0/0	0/0	(3)	(3)	0/0	0/0	(3)	1/0	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	2/0	(3)	4/4	0/0	(2)	(1)	(1)	0/0		Synthetic Wintergreen Oil/Gaultheria Oil		
Methyl sulphuric acid	CH ₃ SO ₄	000077-78-1	50 %	(C)		0/0	1/1	4/4	(4)	(4)	0/0	4/4	2/4	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	(2)	1/0	4/4	4/4	0/0	(4)	0/0	0/0	4/4				
Methyl sulphuric acid	CH ₃ SO ₄	000077-78-1	aqueous	(C)		0/0	0/0	4/4	(4)	(4)	0/0	4/4	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	1/0	4/4	4/4	0/0	(4)	0/0	0/0	4/4				
Milk	—	—		—		1/1	1/1	1/0	1/0	1/1	1/0	1/1	1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	3/0	1/0	1/0	0/0	(1)	1/1	1/1	1/1	1/1	1/1			
Lactic acid	C ₃ H ₆ O ₃	000050-21-5	3 %	?		1/1	1/2	(3)	1/2	1/0	1/2	2/4	1/2	2/2	1/1	2/3	0/0	1/1	1/1	1/1	1/1	3/4	1/1	(2)	0/0	(1)	1/1	1/1	1/1	1/1	Lactol			
Lactic acid	C ₃ H ₆ O ₃	000050-21-5	80 %	C		1/1	1/1	3/4	1/2	0/0	1/2	3/4	1/1	1/1	1/1	2/3	2/3	1/1	1/2	1/1	1/1	1/3	3/4	1/1	1/4	0/0	1/0	1/3	1/2	1/1	Lactol			
Lactic acid	C ₃ H ₆ O ₃	000050-21-5	85 %	C		1/1	1/1	3/4	1/2	0/0	1/2	3/4	1/2	2/2	1/1	2/3	2/3	1/1	1/2	1/1	1/1	1/3	3/4	1/1	1/4	0/0	1/0	1/3	1/2	1/1	Lactol			
Lactic acid ethyl ester	-> see: Ethyl lactate																																	
Milk sugar	-> see: Lactose																																	
Mineral oil	—	008012-95-1		(Xn)		1/1	2/4	(1)	1/2	1/1	1/2	1/1	1/3	1/1	1/1	1/2	0/0	0/0	1/1	1/1	1/1	1/1	4/4	1/1	2/2	0/0	1/1	1/1	1/1	0/0				
Mineral water	—	—		—		1/1	1/1	(1)	1/0	1/1	0/0	1/1	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	(1)	(1)	(1)	1/1				
Mohr's salt	-> see: Ammonium iron (II) sulphate																																	
Whey	—	—		—		1/1	0/0	(2)	(1)	(1)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(3)	(1)	(2)	0/0	(2)	1/1	1/1					
Monobromobenzene	-> see: Bromobenzene																																	
Monochlorobenzene	-> see: Chlorobenzene																																	
Monochloroacetic acid	-> see: Chloroacetic acid																																	
Monochloroacetic acid ethyl ester	-> see: Ethyl chloroacetate																																	
Monochloroacetic acid methyl ester	-> see: Methyl chloroacetate																																	
Monoethanolamine	-> see: Ethanolamine																																	
Monofluorodichloromethane	-> see: Dichlorofluoromethane																																	
Monopotassium tartrate	-> see: Potassium hydrogentartrate																																	
Monopentyl phthalate	-> see: Phthalic acid monoamyl ester																																	
Morpholine	C ₄ H ₉ NO	000110-91-8	tech. pure	C, Xn	X	1/1	1/1	(3)	(3)	0/0	0/0	(2)	1/1	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/1	1/3	3/0	2/3	4/4	0/0	1/0	(1)	(1)	0/0				
Engine oil	—	—		?		0/0	0/0	1/0	(2)	(1)	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1					
Mowilith D	—	—		?		1/0	0/0	(2)	0/0	(2)	0/0	(2)	1/0	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/0	(2)	(2)	(2)	0/0	(2)	(1)	(1)	0/0		Polyvinylacetatdispersion; Clariant		
Nutmeg	—	—	grinded	?		0/0	0/0	(2)	4/4	(2)	0/0	(2)	2/2	4/4	0/0	0/0	0/0	3/3	0/0	(1)	(1)	(2)	(2)	(2)	(2)	0/0	(1)	(1)	(1)					
Nutmeg oil	—	008008-45-5		(Xn)		0/0	0/0	(2)	4/4	0/0	0/0	(2)	(2)	4/4	0/0	0/0	0/0	3/4	0/0	(1)	(1)	(2)	(4)	(3)	(3)	0/0	(1)	(1)	(1)					
Nail varnish remover	—	—		?	(X)	0/0	0/0	(2)	4/4	0/0	(4)	(2)	1/3	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)	0/0				
Naphtha	—	008032-32-4		(Xn)		1/3	3/4	1/0	(2)	(1)	1/0	1/0	1/3	3/0	1/0	1/0	4/4	0/0	0/0	(1)	1/1	1/1	4/4	1/1	4/4	0/0	1/1	1/1	1/1	0/0	Petroleum gasoline			
Naphthalene	C ₁₀ H ₈	000091-20-3	100 %	F, Xn	X	0/0	1/3	1/0	(3)	0/0	0/0	1/2	1/3	3/4	1/0	4/4	4/4	1/4	0/0	(1)	1/1	1/3	4/4	1/1	4/4	0/0	1/1	1/1	1/1	0/0				
Naphthalene (in alcohol)	—	—		F, Xn	X	1/4	1/4	(2)	(3)	0/0	0/0	1/2	1/3	3/4	0/0	0/0	0/0	3/4	0/0	(1)	1/1	(2)	4/4	(3)	(3)	0/0	(1)	(1)	(1)	0/0				
Naphthene	-> see: Cyclohexane																																	
Sodium acetate	C ₂ H ₃ NaO ₂	000127-09-3	any	—		1/1	1/1	1/0	1/2	(1)	1/1	1/1	1/1	2/2	1/1	2/3	3/0	1/1	1/1	1/1	1/1	1/0	(3)	3/3	0/0	1/1	1/1	1/1	1/1	1/1	1/1			
Sodium aluminium sulphate	NaAl(SO ₄) ₂	010102-71-3		?		1/1	1/1	(3)	(2)	(1)	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	(1)	(2)	0/0	1/3	(1)	(1)					
Sodium benzoate	C ₇ H ₅ NaO ₂	000532-32-1	36 %	Xn		1/1	1/1	1/0	(2)	(2)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	(1)	1/1	0/0	(1)	(1)	(1)	1/1				
Sodium benzoate	C ₇ H ₅ NaO ₂	000532-32-1	aqueous	Xn		1/1	1/1	(2)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/0	1/0	1/1				
Sodium benzoate	C ₇ H ₅ NaO ₂	000532-32-1		Xn		1/1	1/1	1/0	(2)	(1)	0/0	1/1	1/1	1/1	0/0	1/3	0/0	1/1	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/0	1/0	1/1				
Sodium bicarbonate	NaHCO ₃	000144-55-8	aqueous	—		1/1	1/1	1/0	1/0	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/0	1/0	1/1	1/1			
Sodium bichromate	-> see: Sodium dichromate																																	
Sodium bisulphate	NaHSO ₄	007681-38-1	10 %	(C)		1/1	1/1	4/4	1/0	1/0	0/0	2/0	1/1	0/0	0/0	1/3	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/3	0/0	1/3	1/2	1/1	1/1	1/1			
Sodium bisulphate	NaHSO ₄	007681-38-1	any	(C)		1/1	1/1	1/0	1/0	0/0	0/0	(3)	1/1	1/3	0/0	1/4	0/0	1/1	1/1	1/1	1/1	1/1	1/0	1/0	1/3	0/0	1/3	(2)	1/1	1/1	1/1			
Sodium bisulphite	NaHSO ₃	007631-90-5	aqueous	Xn		1/1	1/1																											

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics					Elastomers					Metals					REMARK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A		Hastelloy C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Sodium chloride	NaCl	007647-14-5	aqueous	—		1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics											Fluoroplastics				Elastomers				Metals				REMARK			
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL		V2A	V4A	Hastelloy C
Sodium sulphide	Na ₂ S	001313-82-2	aqueous	C		1/1	1/1	1/0	3/0	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/0	0/0	3/4	1/2	1/2	1/1	
Sodium sulphite	Na ₂ SO ₃	007757-83-7	saturated	Xn		1/1	1/1	1/0	(2)	(2)	1/0	1/1	1/1	1/1	0/0	1/3	1/3	1/1	0/0	1/1	1/1	1/1	1/0	1/1	2/3	0/0	1/3	1/1	1/1	1/1	
Sodium tetraborate	-> see: Sodium borate																														
Sodium thiosulphate	Na ₂ S ₂ O ₃ x 5H ₂ O	010102-17-7	any	Xi		1/1	1/1	1/0	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	3/3	0/0	1/1	1/1	1/1	1/1	Fixing soda, "sodium hyposulphite"
Sodium thiosulphate	Na ₂ S ₂ O ₃ x 5H ₂ O	010102-17-7	saturated	Xi		1/1	1/1	1/0	(1)	(1)	0/0	1/1	1/1	1/1	0/0	1/3	1/3	1/1	0/0	1/1	1/1	1/1	1/0	1/1	2/3	0/0	1/1	1/1	1/1	1/1	Fixing soda, "sodium hyposulphite"
Sodium thiosulphate	Na ₂ S ₂ O ₃ x 5H ₂ O	010102-17-7	aqueous	Xi		1/1	1/1	1/0	(1)	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/0	0/0	1/1	1/1	1/1	1/1	Fixing soda, "sodium hyposulphite"
Sodium thiosulphate-5-hydrate	-> see: Sodium thiosulphate																														
Sodium hypochlorite	-> see: Sodium hypochlorite																														
Caustic soda	-> see: Sodium hydroxide																														
Sodium nitrate	-> see: Sodium nitrate																														
Sodium liquid glass	-> see: Sodium silicate																														
Cloves	—	—	grinded	?		0/0	0/0	(2)	4/4	(1)	0/0	(2)	(2)	4/4	0/0	0/0	0/0	4/4	0/0	(1)	1/1	(2)	(2)	(2)	0/0	(1)	(1)	(1)	(1)	0/0	
Neon	Ne	007440-01-9	—	—		0/0	0/0	1/0	(1)	1/1	0/0	1/1	(1)	0/0	0/0	0/0	0/0	0/0	1/1	(1)	1/1	1/1	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/1	
Wetting agent	—	—	5 %	?		1/0	0/0	(2)	(2)	(1)	0/0	(2)	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	(2)	(2)	(2)	0/0	0/0	K	K		Surfactants
Niacin	-> see: Nicotinic acid																														
Nickel (II) chloride	NiCl ₂	007718-54-9	saturated	T		1/1	1/1	1/0	(2)	(1)	0/0	2/0	1/1	0/0	0/0	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	0/0	4/4	2/0L	2/0L	1/1	
Nickel (II) chloride	NiCl ₂	007718-54-9	aqueous	T		1/1	1/1	(3)	(2)	(1)	0/0	2/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	0/0	4/4	2/0L	2/0L	1/1		
Nickel acetate	C ₄ H ₆ NiO ₄	000373-02-4	aqueous	(T, N)		1/1	1/1	(3)	(2)	(1)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	(3)	3/0	0/0	4/4	0/0	0/0		
Nickel nitrate	Ni(NO ₃) ₂	013138-45-9	saturated	(O, Xn)		1/1	1/1	(3)	(2)	(1)	1/0	(2)	1/1	1/0	1/0	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	0/0	4/4	1/0	1/0	1/1	
Nickel sulphate	NiSO ₄	007786-81-4	saturated	Xn		1/1	1/1	1/0	1/0	(1)	1/0	2/0	1/1	1/1	0/0	1/1	1/3	1/1	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	4/4	1/1	1/1	1/1	
Nickel sulphate	NiSO ₄	007786-81-4	aqueous	Xn		1/1	1/1	(3)	1/0	(1)	0/0	2/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	4/4	1/1	1/1	1/1	
Nicotine	C ₁₀ H ₁₄ N ₂	000054-11-5	—	T+		1/0	1/0	(3)	(3)	0/0	0/0	(2)	1/0	1/0	0/0	1/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	1/0	1/1	0/0	(1)	(1)	(1)	0/0	
Nicotinic acid	C ₆ H ₅ NO ₂	000059-67-6	diluted	Xi		1/1	1/1	(3)	(2)	0/0	0/0	(3)	1/0	0/0	0/0	1/1	0/0	0/0	0/0	1/1	(1)	(2)	(2)	(3)	(2)	0/0	(3)	0/0	0/0	0/0	0/0
Nitrobenzoic acid	C ₇ H ₅ NO ₄	—	—	(Xn)		1/0	1/0	(3)	(3)	0/0	0/0	(3)	1/0	0/0	0/0	1/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	(3)	(2)	0/0	(3)	0/0	0/0		Isomer not specified in the source
Nitrobenzene	C ₆ H ₅ NO ₂	000098-95-3	—	T		3/4	4/4	4/4	4/4	1/0	4/4	3/0	2/4	4/4	4/4	4/4	4/4	4/4	1/2	1/1	1/1	1/1	4/4	4/4	4/4	0/0	(1)	1/1	1/1	1/1	
Nitroethane	C ₂ H ₅ NO ₂	000079-24-3	—	Xn	X	0/0	0/0	(3)	(4)	0/0	0/0	(3)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		
Nitroglycerin	C ₃ H ₅ (NO ₃) ₃	000055-63-0	diluted	(E, T+)		0/0	0/0	(3)	(3)	0/0	0/0	(2)	0/0	0/0	0/0	3/0	4/4	0/0	0/0	(1)	1/0	(3)	1/0	1/0	4/4	0/0	0/0	0/0	0/0	0/0	
Nitro glycol	C ₂ H ₄ (NO ₃) ₂	000628-96-6	diluted	(E, T+)		0/0	0/0	(3)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	4/4	4/4	0/0	0/0	(1)	(1)	(3)	1/0	1/0	4/4	0/0	0/0	(1)	(1)	0/0	
Nitropropane	C ₃ H ₇ NO ₂	—	—	(T)		0/0	0/0	(3)	(4)	0/0	0/0	(3)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		Isomer not specified in the source
Nitrous gases	—	—	diluted	T		1/1	0/0	3/0	4/4	0/0	0/0	4/4	1/4	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	3/0	3/0	4/4	0/0	(2)	(1)	(1)	0/0	Nitrogen monoxide + nitrogen dioxide
Nitrotoluene	C ₇ H ₇ NO ₂	001321-12-6	tech. pure	T		1/3	1/3	4/4	4/4	1/0	(4)	3/0	1/3	4/4	0/0	4/4	4/4	0/0	0/0	(1)	1/1	1/1	4/4	4/4	4/4	0/0	(1)	1/1	1/1	1/1	
Nitro thinner	—	—	?	X		0/0	0/0	3/0	(4)	0/0	(4)	(3)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	(3)	(4)	4/4	0/0	(1)	(1)	(1)		Solvent mixture
Nonanol	C ₉ H ₂₀ O	000143-08-8	100 %	Xn, Xi		0/0	1/1	(2)	(2)	(1)	0/0	(1)	1/1	1/0	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(1)	1/0	1/0	3/3	0/0	(1)	(1)	(1)		
Nonyl alcohol	-> see: Nonanol																														
Fruit pulp	—	—	—	—		1/1	1/1	(2)	1/1	1/1	0/0	1/1	1/1	0/0	0/0	1/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	(2)	1/1	1/1	1/1	
Fruit wine	—	—	—	—		1/1	1/1	(2)	(1)	1/1	0/0	1/1	1/0	0/0	0/0	1/0	0/0	0/0	1/1	1/1	(1)	1/1	1/0	(1)	1/0	0/0	(2)	1/1	1/1	0/0	
Octadec-9-enoic acid, cis-	-> see: Oleic acid																														
Octadecanoic acid	-> see: Stearic acid																														
Octafluorocyclobutane	C ₄ F ₈	000115-25-3	?	?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	3/0	1/0	0/0	(3)	0/0	0/0		
Octal	-> see: Diisooctyl phthalate																														
Octane, n-	C ₈ H ₁₈	000111-65-9	—	F, Xn	X	1/1	1/1	1/0	2/3	(1)	1/1	1/0	1/1	4/4	2/3	3/4	3/3	1/1	1/1	1/1	(1)	(1)	4/4	1/0	3/3	0/0	1/1	1/1	1/1	0/0	
Octanol, 1-	-> see: Octyl alcohol, -n																														
Octyl alcohol, -n	C ₈ H ₁₈ O	000111-87-5	—	Xi		0/0	0/0	(2)	(2)	(1)	0/0	(2)	(2)	0/0	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(1)	1/0	1/0	3/3	0/0	(1)	(1)	(1)		
Octylcresol	C ₁₅ H ₂₄ O	—	100 %	?		3/0	3/0	(3)	(4)	0/0	0/0	(3)	3/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	3/0	3/0	0/0	(1)	(1)	(1)	0/0	Isomer not specified in the source
Oils and fats, vegetable	—	—	—	—		1/3	1/3	(2)	(2)	1/0	0/0	(2)	1/3	3/0	0/0	1/1	3/3	0/0	0/0	(1)	1/1										

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK		
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI			AL	V2A
Sweet orange juice	-> see: Orange juice																													
Sweet orange peel oil	-> see: Orange peel oil																													
Ortho-silicic acid tetraethyl ester	-> see: Tetraethylorthosilicate																													
Orthophosphoric acid	-> see: Phosphoric acid																													
Oxabutyl acetate	-> see: Methyl glycol acetate																													
Oxalic acid	C ₂ H ₂ O ₄ x 2H ₂ O	000144-62-7	aqueous	Xn		1/1	1/1	4/4	(2)	(2)	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(2)	1/0	1/1	3/3	0/0	1/0	2/3	1/3	1/2
Oxalic acid	C ₂ H ₂ O ₄ x 2H ₂ O	000144-62-7		Xn		1/1	1/1	3/4	1/0	0/0	1/1	4/4	1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/3	1/0	1/1	3/3	0/0	1/0	2/3	1/3	1/3	
Oxalic acid sodium salt	-> see: Sodium oxalate																													
Oxalic acid ammonium salt	-> see: Ammonium oxalate																													
Oxirane	-> see: Ethylene oxide																													
Oxolane	-> see: Tetrahydrofuran																													
Oxydiacetic acid	-> see: Diglycolic acid																													
Oxymethylfurfural, 5-	C ₆ H ₆ O ₃	000067-47-0		Xi		0/0	0/0	(3)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	(3)	(3)	4/4	0/0	(1)	(1)	(1)	
Ozone	O ₃	010028-15-6		(O, T)		3/4	3/4	4/4	1/2	0/0	1/1	4/4	3/4	2/2	1/1	1/2	0/0	1/1	1/1	1/1	(1)	1/3	1/0	1/0	4/4	0/0	(2)	0/0	0/0	0/0
Ozone-air mixture-Luft-Gemisch	—	—		(O, T)		0/0	0/0	4/4	(2)	0/0	0/0	4/4	3/4	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/2	1/0	1/0	4/4	0/0	(2)	0/0	0/0	0/0
Palmitic acid	C ₁₆ H ₃₂ O ₂	000057-10-3	tech. pure	Xi		3/3	2/2	1/1	(2)	1/0	0/0	1/0	3/4	1/1	0/0	1/1	3/0	1/1	0/0	(1)	1/1	1/1	4/4	1/1	3/3	0/0	1/1	1/1	1/1	1/1
Palmityl alcohol	-> see: Cetyl alcohol																													
Palm seed oil	—	008023-79-8		—		0/0	0/0	1/0	(2)	1/0	0/0	(2)	1/3	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/1	0/0	(1)	1/1	1/1	1/1
Palm oil	—	008002-75-3		—		1/3	0/0	1/0	(2)	1/0	0/0	(2)	1/3	0/0	0/0	1/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	1/0	1/1	0/0	(1)	1/1	1/1	
Paraffins	C _n H _{2n+2}	—	100 %	?		1/0	1/1	1/0	1/0	1/0	1/0	1/1	1/1	1/0	1/0	1/0	1/0	0/0	0/0	(1)	1/1	(1)	4/4	1/0	1/3	0/0	1/1	1/1	1/1	1/1
Paraffin emulsion	—	—		?		1/3	0/0	1/0	(2)	(2)	0/0	(2)	1/3	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/1	(4)	1/0	1/1	0/0	(2)	(1)	(1)	0/0
Paraffin wax	—	008002-74-2	melted	(—)		0	0	0	(2)	0	0	(2)	(2)	0	0	0	0	0	0	(1)	1	0	4	(2)	1	0	1	1	1	
Paraform	-> see: Paraformaldehyde																													
Paraformaldehyde	(CH ₂ O) _n H ₂ O	030525-89-4		F, T	X	0/0	0/0	0/0	(2)	1/0	0/0	(2)	1/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	1/0	3/3	0/0	(1)	(1)	(1)	
Perfumes	—	—		?		3/0	3/0	1/0	(3)	1/0	0/0	(2)	1/0	4/4	0/0	1/0	3/0	0/0	0/0	(1)	(1)	(1)	(3)	(2)	(3)	0/0	(1)	(1)	(1)	
Pectin	—	009000-69-5	aqueous	—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(1)	1/1	1/1		Pectin
Pectin	—	009000-69-5		—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(1)	1/1	1/1		Pectin
Penicillin	—	—		Xn		(1)	(1)	(2)	(1)	(1)	0/0	(1)	(2)	0/0	0/0	0/0	1/1	(1)	1/1	(1)	(1)	(1)	(2)	(1)	(2)	0/0	(1)	(1)	(1)	Antibiotic
Pentachlorodiphenyl	C ₁₂ H ₅ Cl ₅	—		Xn		0/0	0/0	1/0	(3)	0/0	0/0	(2)	4/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	4/4	3/0	4/4	0/0	(1)	0/0	0/0		a PCB
Pentamethyleneimine	-> see: Piperidine																													
Pentane	C ₅ H ₁₂	000109-66-0		F	X	1/3	1/3	1/0	1/0	1/1	(3)	1/0	(3)	3/0	0/0	0/0	0/0	1/0	0/0	(1)	(1)	(1)	4/4	1/0	1/2	0/0	1/1	1/1	1/1	
Pentanone, 2-	-> see: Methyl propyl ketone																													
Pentanone, 3-	-> see: Diethyl ketone																													
Pentanethiol, 1-	C ₅ H ₁₂ S	000110-66-7		Xn	X	0/0	0/0	(2)	(3)	0/0	(4)	(2)	(2)	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	4/4	(3)	(4)	0/0	(2)	(1)	(1)		
Pentylacetate, n-	-> see: Amylacetate, n-																													
Pentyl alcohol	-> see: Amyl alcohol, n-																													
Pentyl chloride	-> see: Amyl chloride																													
Pentylcinnamaldehyde, a-	-> see: α-pentylcinnamaldehyde																													
Perchlorobutadiene	-> see: Hexachlorobutadiene																													
Perchloroethene	-> see: Perchloroethylene																													
Perchloroethylene (PER)	C ₂ Cl ₄	000127-18-4		Xn		4/4	4/4	4/4	4/4	3/4	4/4	1/3	4/4	4/4	4/4	4/4	3/3	1/1	1/1	1/1	1/1	4/4	2/3	4/4	0/0	(3)	0/0	0/0	0/0	
Perchloric acid	HClO ₄	007601-90-3	70 %	E, O, C+		2/4	3/4	4/4	4/4	(4)	2/4	4/4	4/4	2/3	4/4	3/4	4/4	0/0	1/2	1/1	1/1	1/1	3/0	1/1	4/4	0/0	4/4	0/0	0/0	?
Perchloric acid	HClO ₄	007601-90-3	20 %	Xi		0/0	1/3	4/4	3/0	0/0	0/0	4/4	1/3	0/0	0/0	1/3	3/0	0/0	0/0	1/1	1/1	1/1	2/0	1/1	4/4	0/0	4/4	0/0	0/0	1/1
Perfluoropropane	C ₃ F ₈	000076-19-7		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	1/0	1/0	0/0	(3)	0/0	0/0		
Perhydroxide acid	-> see: Hydrogen peroxide 30 %																													
Petrolatum, petroleum jelly	-> see: Vaseline																													
Petroleum ether	—	008032-32-4	tech. pure	(F, Xn)	X	1/3	1/3	1/0	3/0	1/0	1/0	1/1	1/3	4/4	1/0	1/1	3/3	3/3	0/0	(1)	1/1	1/1	4/4	1/0	1/3	0/0	1/1	1/1	1/1	1/1
Petroleum	—	—	tech. pure	Xn, N	X	1/3	3/4	1/0	3/0	(1)	0/0	1/1	1/3	4/4	1/0	1/0	3/0	3/4	0/0	(1)	1/1	1/1	4/4	1/0	1/1	0/0	1/1	1/1	1/1	1/1
Pepper	—	—	grinded	?		0/0	0/0	(2)	1/0	(1)	0/0	(2)	(2)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)	
Vegetable oils	—	—		—		0/0	0/0	0/0	(2)	1/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	(1)	1/1	1/1	
Phenacetin	C ₁₀ H ₁₃ NO ₂	000062-44-2		Xn		0/0	0/0	0/0	0/0	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	1/1	0/0	(1)	(1)	1/1	(1)	(2)	(2)	0/0	(2)	(1)	(1)	
Phenetole	-> see: Phenylethylether								</																					

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics											Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK	
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A
Phenyl-2-propenal, trans-3-	-> see: Cinnamaldehyde																													
Phenylamine	-> see: Aniline																													
Phenylaniline, N-	-> see: Diphenylamine																													
Phenyl bromide	-> see: Bromobenzene																													
Phenylcarbinol	-> see: Benzyl alcohol																													
Phenyl chloride	-> see: Chlorobenzene																													
Phenylethanol	C ₈ H ₁₀ O	000060-12-8		Xn		0/0	0/0	3/0	4/4	0/0	0/0	(2)	1/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(3)	(2)	4/4	0/0	(1)	(1)	(1)		
Phenyl ether	-> see: Diphenyl ether																													
Phenylethyl alcohol	-> see: Phenylethanol																													
Phenyl ethyl ether	C ₈ H ₁₀ O	000103-73-1		?		0/0	0/0	(2)	(4)	0/0	(3)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	4/4	4/4	0/0	(1)	(1)	(1)		
Phenylhydrazine	C ₆ H ₈ N ₂	000100-63-0	tech. pure	T		3/0	0/0	(3)	(3)	0/0	0/0	(2)	3/4	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/3	4/4	0/0	(2)	0/0	0/0	0/0
Phenylhydrazine chlorohydrate	-> see: Phenylhydrazine-HCl																													
Phenylhydrazine-HCl	C ₆ H ₈ N ₂ -HCl	000059-88-1		T		0/0	0/0	(3)	(2)	0/0	0/0	(3)	1/3	0/0	0/0	3/0	0/0	0/0	0/0	(1)	1/1	1/1	(3)	1/3	1/3	0/0	(4)	(4L)	(4L)	
Phenylpropane	-> see: Cumene																													
Phenyl sulphonate	—	70528-83-5		?		0/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
Phenylsulfonic acid	-> see: Benzenesulfonic acid																													
Phosgene	COCl ₂	000075-44-5	liquid	T+, C		0/0	0/0	1/0	(3)	0/0	0/0	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(3)	(3)	1/0	3/0	0/0	(3)	3/4	3/4	0/0	
Phosgene	COCl ₂	000075-44-5	gaseous	T+, C		0/0	3/0	1/0	(3)	0/0	0/0	(2)	3/4	0/0	0/0	4/4	0/0	0/0	(1)	1/1	(3)	(3)	(3)	3/0	0/0	(3)	3/4	3/4	0/0	
Phosphates	—	—	aqueous	?		1/1	1/1	0/0	0/0	(1)	0/0	(2)	3/4	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(1)	(2)	0/0	0/0	(1)	(1)		Salts of phosphoric acid
Phosphine	PH ₃	007803-51-2	concentrated	F+, T+	X	0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	1/0	0/0	0/0	0/0	1/0	1/1	1/0	1/0	4/4	0/0	(1)	0/0	0/0	0/0	
Phosphorus (III) chloride	-> see: Phosphorus trichloride																													
Phosphorus oxychloride	POCl ₃	010025-87-3	100 %	T, C		0/0	1/0	4/4	4/4	0/0	0/0	4/4	1/3	0/0	0/0	4/4	4/4	0/0	0/0	0/0	1/1	(2)	1/0	1/1	4/4	0/0	1/3	1/3L	1/3L	1/1
Phosphorus oxychloride	POCl ₃	010025-87-3		T, C		0/0	1/0	4/4	4/4	0/0	0/0	4/4	1/3	0/0	0/0	4/4	4/4	0/0	0/0	0/0	1/1	(2)	1/0	1/1	4/4	0/0	1/3	1/3L	1/3L	1/1
Phosphorus pentachloride	PCl ₅	010026-13-8		T+, C		0/0	1/0	4/4	4/4	0/0	0/0	4/4	1/1	0/0	0/0	4/4	4/4	0/0	0/0	0/0	1/1	1/1	(3)	(3)	4/4	0/0	1/1	1/3L	1/3L	0/0
Phosphorus pentoxide	P ₂ O ₅	001314-56-3	tech. rein	C		1/0	0/0	(4)	(3)	0/0	0/0	4/4	1/0	0/0	0/0	1/0	0/0	0/0	(1)	1/0	1/1	(3)	(2)	3/4	0/0	1/1	1/0	1/0	0/0	
Phosphorus perchloride	-> see: Phosphorus pentachloride																													
Phosphoric acid	H ₃ PO ₄	007664-38-2	30 %	C		1/1	1/1	4/4	1/0	0/0	0/0	4/4	1/1	1/1	0/0	0/0	0/0	1/1	0/0	1/1	1/1	1/1	1/0	1/1	3/3	0/0	4/4	1/3	1/2	1/1
Phosphoric acid	H ₃ PO ₄	007664-38-2	85 %	C		1/1	1/1	4/4	1/2	0/0	1/2	4/4	1/2	1/2	1/1	1/2	1/1	1/1	1/1	1/1	1/1	3/0	1/1	4/4	0/0	4/4	2/4	1/3	1/1	
Phosphoric acid	H ₃ PO ₄	007664-38-2	1-5 %	Xi		1/1	1/1	(3)	1/1	1/0	1/1	3/4	1/1	2/2	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/0	1/1	2/3	0/0	(4)	1/1	1/1	1/1	
Phosphoric acid	H ₃ PO ₄	007664-38-2	20%	Xi		1/1	1/1	4/4	(2)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	3/3	0/0	4/4	1/3	1/2	1/1	
Phosphoric anhydride	-> see: Phosphorus pentoxide																													
Phosphoric acid chloride	-> see: Phosphorus pentachloride																													
Phosphoric acid tritolyester	-> see: Tricresyl phosphate																													
Phosphorus trichloride	PCl ₃	007719-12-2		T, C		3/3	3/3	4/4	4/4	0/0	0/0	4/4	1/3	0/0	0/0	4/4	4/4	0/0	0/0	1/0	1/1	1/1	1/0	3/4	4/4	0/0	1/1	0/0	0/0	1/1
Hydrogen phosphide	-> see: Phosphine																													
Phosphoryl chloride	-> see: Phosphorus oxychloride																													
Phthalic acid	C ₆ H ₄ O ₄	000088-99-3	saturated	Xi		1/1	1/1	3/3	(3)	1/0	0/0	1/0	1/1	1/0	0/0	1/4	0/0	1/1	0/0	1/1	1/1	1/1	1/0	2/3	4/4	0/0	1/1	1/1	1/1	1/1
Phthalic acid amyl ester	C ₁₈ H ₂₆ O ₄	000131-18-0	100 %	(T)		0/0	1/3	(1)	(4)	0/0	0/0	(2)	(2)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	3/0	4/4	0/0	(1)	(1)	(1)	0/0
Phthalic acid dibutyl ester	-> see: Dibutyl phthalate																													
Phthalic acid dicyclohexyl ester	-> see: Dicyclohexyl phthalate																													
Phthalic acid dimethyl ester	-> see: Dimethyl phthalate																													
Phthalic acid dinonyl ester	-> see: Dinonyl phthalate																													
Phthalic acid monoamyl ester	C ₁₃ H ₁₆ O ₄	??		(Xn)		0/0	0/0	(3)	(3)	0/0	0/0	(3)	(2)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(2)	(2)	(3)	0/0	(1)	(1)	(1)	
Picric acid	C ₆ H ₃ N ₃ O ₇	000088-89-1	1 % aqueous	T		1/0	1/0	3/0	(3)	0/0	0/0	(3)	1/1	0/0	0/0	1/0	4/4	0/0	0/0	1/0	1/0	1/1	3/0	1/0	3/4	0/0	1/0	1/0	1/0	1/0
Pimenta, allspice	—	—	grinded	?		0/0	0/0	(2)	4/4		0/0	(2)	(2)	4/4	0/0	0/0	0/0	3/3	0/0	(1)	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)	
Piperidine	C ₆ H ₁₁ N	000110-89-4		F, T, C		0/0	0/0	(3)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	4/4	4/4	0/0	(1)	(1)	(1)	
Polyester resins	—	—		(Xn)	(X)	3/4	3/4	1/0	4/4	1/0	0/0	(2)	3/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	(3)	4/4	0/0	(1)	(1)	(1)	
Polyethylene glycol	HO-(C ₂ H ₄ O) _n -H	025322-68-3	100 %	(—)		1/1	1/1	(3)	0/0	0/0	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(2-3)	(2)	(3)	0/0	(1)	(1)	(1)	0/0
Polyglycol	-> see: Polyethylene glycol																													
Polyoxyethylene	-> see: Polyethylene glycol																													
Polyoxymethylene	-> see: Paraformaldehyde																													
Polyran M25 N	—	—	80°C	?		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0/0	0	0	0/0							

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics										Fluoroplastics			Elastomers			Metals			REMARK						
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM		NBR	SI	AL	V2A	V4A	Hastelloy C
Bitter orange oil	—	068916-04-1	—	?	2/3	3/4	(2)	3/3	1/0	3/3	(2)	2/3	4/4	3/3	3/4	0/0	0/0	0/0	1/1	1/1	(1)	(2)	4/4	(2)	(4)	0/0	(1)	(1)	(1)		
Potash	-> see: Potassium carbonate																														
Compressed air	—	—	oily	—	1/0	0/0	(2)	(2)	(1)	0/0	(1)	3/0	0/0	0/0	3/0	0/0	0/0	0/0	(1)	1/1	1/1	(3)	(1)	(2)	0/0	1/1	1/1	1/1			
Prontosil	—	—	—	(Xn)	0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	1/0	0/0	(1)	(1)	(2)	(2)	(2)	(2)	0/0	1/1	1/1	1/1		Chemotherapeutic agent; Bayer - no longer on the market	
Prop-2-enyl acetate	-> see: Allyl acetate																														
Propane	C ₃ H ₈	000074-98-6	liquid	F+	X	1/0	1/0	1/0	1/0	1/0	0/0	1/1	1/0	0/0	1/0	1/0	3/0	1/0	0/0	(1)	1/1	1/1	4/4	1/0	(2)	0/0	1/1	1/1	1/1	0/0	
Propane	C ₃ H ₈	000074-98-6	gaseous	F+	X	3/4	4/4	1/0	3/4	1/0	4/4	1/1	2/4	4/4	3/3	1/2	0/0	0/0	1/1	1/1	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1	0/0	
Propandiol, 1,2-	-> see: Propylene glycol																														
Propanol	C ₃ H ₈ O	000071-23-8	—	F	X	1/1	1/1	1/1	1/0	1/0	0/0	1/1	1/1	3/0	0/0	2/2	3/3	1/4	0/0	1/1	1/1	1/1	1/0	1/1	3/3	0/0	1/1	(1)	(1)	0/0	
Propanol, 2-	-> see: Isopropyl																														
Propanone, 2-	-> see: Acetone																														
Propanoic acid	-> see: Propionic acid																														
Propanetriol	-> see: Glycerine																														
Propargyl alcohol	C ₃ H ₄ O	000107-19-7	7 %	Xn	1/1	1/1	(3)	1/0	0/0	0/0	(2)	1/1	0/0	0/0	1/1	1/0	0/0	0/0	(1)	1/1	1/3	1/0	1/1	1/1	0/0	1/0	(1)	(1)	0/0		
Propene	C ₃ H ₆	000115-07-1	—	F+	X	1/1	1/1	1/0	(3)	1/0	0/0	1/0	1/1	4/4	0/0	3/4	4/4	0/0	0/0	(1)	1/1	(1)	4/4	1/0	4/4	0/0	1/1	1/1	1/1		
Propene-1-ol, 2-	-> see: Allyl alcohol																														
Propene acid ethyl ester	-> see: Ethyl acrylate																														
Propyn-1-ol, 2-	-> see: Propargyl alcohol																														
Propionic acid	C ₃ H ₆ O ₂	000079-09-4	50 %	C, F	X	1/3	1/3	3/3	4/4	0/0	0/0	4/4	1/1	4/4	4/4	1/3	3/3	0/0	0/0	(1)	1/1	1/1	3/0	1/1	4/4	0/0	1/1	(1)	(1)	1/1	
Propionic acid	C ₃ H ₆ O ₂	000079-09-4	—	C, F+	X	1/3	1/3	3/3	4/4	0/0	0/0	4/4	1/3	4/4	4/4	4/4	4/4	0/0	0/0	1/0	1/1	1/1	4/4	3/0	4/4	0/0	1/1	1/2	1/1	1/1	
Propyl acetate	C ₃ H ₁₀ O ₂	000109-60-4	—	F	X	0/0	0/0	(1)	4/4	0/0	(4)	1/0	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		
Propyl alcohol	-> see: Propanol																														
Propylamine, n-	C ₃ H ₉ N	000107-10-8	—	F, C, Xn	X	0/0	0/0	0/0	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	4/4	4/4	0/0	(1)	(1)	(1)		
Propylene	-> see: Propene																														
Propylene(di)chloride	-> see: Dichloropropane																														
Propylene glycol	C ₃ H ₈ O ₂	000057-55-6	—	—	1/1	1/1	4/4	2/3	(2)	1/1	1/0	1/1	1/1	2/2	3/4	0/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/3	0/0	1/1	(1)	(1)	1/1		
Propylene glycol methyl ether	C ₄ H ₁₀ O ₂	—	—	—	X	0/0	0/0	(3)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)		Isomer not specified in the source	
Propylene oxide	C ₃ H ₆ O	000075-56-9	—	F+, T	X	1/1	1/2	(3)	2/3	0/0	1/2	(2)	1/2	4/4	2/2	3/4	0/0	4/4	3/4	1/1	1/0	1/4	3/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Propylidinitris(methanol)	-> see: Trimethylol propane																														
Propyl nitrate	C ₃ H ₇ NO ₃	000627-13-4	—	(E, Xn)	(X)	0/0	0/0	(3)	(3)	0/0	0/0	(3)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	3/0	4/4	4/4	0/0	(2)	(1)	(1)		
Pseudocumene	C ₉ H ₁₂	000095-63-6	—	Xn	X	0/0	0/0	(1)	(4)	0/0	0/0	(2)	3/3	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	(2)	4/4	0/0	1/1	1/1	1/1		
Pydraul C (312, 540)	—	—	—	(Xn)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	4/4	1/0	4/4	0/0	0/0	(1)	(1)		Base phosphoric acid ester; Monsanto	
Pydraul E (29, 30, 50, 65, 90, 11)	—	—	—	(Xn)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	1/0	4/4	0/0	0/0	(1)	(1)		Base phosphoric acid ester; Monsanto	
Pyridine	C ₅ H ₅ N	000110-86-1	—	F, Xn	X	1/3	0/2	1/0	4/4	0/0	0/2	1/1	3/3	4/4	4/4	4/4	4/4	1/1	(2)	1/1	1/3	4/4	4/4	4/4	0/0	1/1	1/1	1/1	0/0		
Pyridine-3-carboxylic acid	-> see: Nicotinic acid																														
Pyrogallol	C ₆ H ₆ O ₃	000087-66-1	—	Xn	0/0	0/0	1/0	(3)	0/0	0/0	3/4	1/0	3/0	0/0	0/0	0/0	1/3	0/0	(1)	(1)	1/1	(3)	(3)	(3)	0/0	1/1	1/1	1/1	1/1		
Pyrosulphite	-> see: Sodium disulphite																														
Pyrrrole	C ₄ H ₅ N	000109-97-7	—	Xn	X	0/0	0/0	(3)	(4)	0/0	0/0	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	4/4	4/4	0/0	(1)	(1)	(1)		
Mercury	Hg	007439-97-6	pure	T	1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	3/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(3)	1/1	1/1	1/1	
Mercury (II) chloride	HgCl ₂	007487-94-7	aqueous	T+, C	1/1	1/1	4/4	1/0	(2)	1/1	3/0	1/1	1/3	1/0	1/3	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/3	0/0	4/4	(4)	(4)	1/1	
Mercury (II) cyanide	C ₂ HgN ₂	000592-04-1	saturated	T+	1/1	1/1	(3)	(2)	(2)	0/0	(3)	1/1	0/0	0/0	1/3	0/0	0/0	(1)	1/1	1/1	1/1	(1)	1/1	(2)	0/0	4/4	1/0	1/0	1/1		
Mercury (II) nitrate	-> see: Mercury nitrate																														
Mercury nitrate	Hg(NO ₃) ₂	010045-94-0	saturated	(T+)	1/1	1/1	1/0	(2)	(2)	0/0	(3)	1/1	1/0	0/0	1/3	1/0	0/0	(1)	1/1	1/1	1/1	1/0	1/1	1/3	0/0	4/4	1/1	1/1	1/1		
Mercuric nitrate	-> see: Mercury nitrate																														
Ramasit	—	—	—	?	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	Hydrophobing agent for textiles; BASF	
Resorcinol	C ₆ H ₆ O ₂	000108-46-3	5 %	—	1/1	1/1	4/4	2/3	0/0	1/1	(3)	1/1	2/3	4/4	2/4	0/0	3/3	1/3	1/1	(1)	(3)	(3)	(3)	(3)	0/0	(2)	0/0	0/0			
Resorcinol	C ₆ H ₆ O ₂	000108-46-3	saturated	Xn	1/1	1/1	4/4	2/3	0/0	1/1	(3)	1/1	2/3	4/4	3/4	0/0	0/0	1/1	(1)	(1)	(3)	(3)	(3)	(3)	0/0	(2)	0/0	0/0			
Beef tallow	—	061789-97-7	—	—	0/0	0/0	1/0	1/0	(1)	0/0	1/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	1/1	1/1	0/0	(1)	1/1	1/1			
Beef tallow emulsion	—	—	sulphurised	(—)	1/0	0/0	(2)	(2)	0/0	0/0	0/0	1/0	0/0	0/0	1/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	(2)	(2)	0/0	(2)	(1)	(1)	0/0		
Castor oil	—	008001-79-4	100 %	Xi	1/1	1/1	1/0	1/0	(1)	1/0	(2)	1/1	1/1	0/0	1/0	3/0	1/1	0/0	(1)	1/1	1/1	3/0	1/0	1/0	0/0	(1)	1/1	1/1	1/1		
Crude oil	—	—	100 %	(N)	0/0	1/3	1/0	(3)	1/0	0/0	1/0	1/3	3/0	1/0	1/0	3/0	0/0	(1)	1/1	1/1	4/4	1/0	3/3	0/0	(2)	(1)	(1)				

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers			Metals					Hastelloy C	REMARK			
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI			AL	V2A	V4A
Rose oil	—	008007-01-0	—	?		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	4/4	0/0	0/0	0/0	3/0	0/0	(1)	(1)	(2)	(3)	(3)	(3)	0/0	(1)	(1)	(1)		
Roasting gases	—	—	any	(T)		0/0	0/0	(2)	0/0	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	1/0	4/4	0/0	(4)	(2)	(2)	0/0	
Colza oil	—	008002-13-9	—	—		0/0	0/0	(2)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/0	1/3	0/0	(1)	1/1	1/1			
Rum flavouring	—	008030-89-5	—	?		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	4/4	0/0	0/0	0/0	1/0	0/0	(1)	(1)	(3)	(3)	(4)	(3)	0/0	(1)	(1)	(1)		
Sagrotan	—	—	liquid	?		1/2	1/3	0/0	3/0	0/0	0/0	(3)	1/3	3/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	1/0	3/0	0/0	(2)	(1)	(1)		Disinfectants; Schülke & Mayr
Salicylaldehyde	C ₇ H ₆ O ₂	000090-02-8	—	Xn, Xi		1/1	1/2	(3)	2/3	0/0	1/2	(3)	1/2	4/4	3/3	3/4	0/0	0/0	1/4	1/1	(1)	(3)	(3)	(3)	4/4	0/0	(2)	(1)	(1)		
Salicylic acid	C ₇ H ₆ O ₃	000069-72-7	saturated	(Xn, Xi)		1/1	1/1	1/0	1/2	1/0	1/1	4/4	1/1	1/2	1/1	2/3	0/0	1/1	1/1	1/1	1/0	1/1	1/0	1/0	3/3	0/0	1/0	1/0	1/0	1/1	
Salicylic acid	C ₇ H ₆ O ₃	000069-72-7	Powder	Xn, Xi		1/1	1/1	1/0	1/2	(1)	1/2	(3)	1/1	1/1	1/1	2/3	0/0	0/0	1/1	1/1	1/0	1/1	1/0	1/0	3/3	0/0	1/0	1/0	1/0	1/1	
Salicylic acid methyl ester	-> see: Methyl salicylate																														
Salammoniac	-> see: Ammonium chloride																														
Ammonia solution	-> see: Ammonium hydroxide																														
Nitric acid	HNO ₃	007697-37-2	1-10 %	C		1/1	1/1	4/4	1/2	(2)	1/1	4/4	1/1	2/4	1/3	1/2	0/0	1/3	1/1	1/1	1/1	1/1	2/0	1/1	4/4	0/0	3/4	1/1	1/1	1/1	
Nitric acid	HNO ₃	007697-37-2	50 %	C+		2/4	3/4	4/4	4/4	(2)	2/4	4/4	3/4	4/4	2/3	2/3	0/0	0/3	1/1	1/1	1/1	1/1	1/1	4/4	1/0	4/4	0/0	4/4	1/2	1/2	1/2
Nitric acid	HNO ₃	007697-37-2	66 %	C+		2/4	3/4	4/4	4/4	(4)	2/3	4/4	4/4	4/4	4/4	3/4	0/0	0/0	1/1	1/1	1/1	1/1	1/1	4/4	1/0	4/4	0/0	4/4	1/2	1/2	1/2
Nitric acid	HNO ₃	007697-37-2	100 %	O, C+		4/4	4/4	4/4	4/4	(4)	0/0	4/4	4/4	0/0	0/0	4/4	0/0	4/4	0/0	1/1	4/4	4/4	4/4	4/4	4/4	0/0	1/1	2/3	3/3	?	
Nitric acid	HNO ₃	007697-37-2	70 %	O, C+		2/4	3/4	4/4	4/4	(4)	2/3	4/4	4/4	4/4	4/4	3/4	0/0	0/0	1/1	1/1	1/1	1/1	4/4	2/3	4/4	0/0	4/4	1/2	1/2	1/2	
Hydrochloric acid	HCl	007647-01-0	1-5 %	—		1/1	1/1	4/4	1/1	(2)	1/2	4/4	1/1	1/1	1/1	1/1	0/0	1/3	1/1	1/1	1/1	1/0	1/1	3/4	0/0	4/4	4/4	4/4	4/4	1/1	
Hydrochloric acid	HCl	007647-01-0	35 %	C		1/1	1/1	4/4	4/4	(4)	1/2	4/4	1/2	3/3	1/1	2/3	3/3	1/3	1/1	1/1	1/1	1/1	3/0	1/2	4/4	0/0	4/4	4/4	4/4	1/1	
Hydrochloric acid	HCl	007647-01-0	konz.	C		1/1	1/1	4/4	4/4	(4)	1/2	4/4	1/2	3/3	1/1	2/3	3/3	1/3	1/1	1/1	1/1	1/1	3/0	1/2	4/4	0/0	4/4	4/4	4/4	1/1	
Hydrochloric acid	HCl	007647-01-0	20 %	Xi		1/1	1/1	4/4	2/3	3/0	1/2	4/4	1/1	1/1	1/1	1/3	0/0	0/3	1/1	1/1	1/1	1/1	1/0	1/1	4/4	0/0	4/4	4/4	4/4	1/1	Hydrochloric acid
Hydrochloric acid aluminium salt, anhydrous	-> see: Aluminium chloride																														
Salt brine	NaCl	007647-14-5	saturated	—		1/1	1/1	1/0	(1)	(1)	0/0	1/2	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/4	1/3	1/2	0/0	
Salt water, seawater	—	—	—	—		1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/1	1/1	0/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	3/4	1/3L	1/2L	1/1	
Saturated steam condensate	—	—	—	?		0/0	0/0	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	(2)	(2)	(2)	0/0	(2)	1/1	1/1		
Oxygen	O ₂	007782-44-7	tech. pure	O		1/3	1/3	2/0	1/0	(1)	0/0	1/0	1/3	1/0	0/0	1/1	1/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/3	0/0	(2)	(1)	(1)	0/0	
Lubricating oils	—	—	—	?		1/3	2/3	(2-3)	(1)	(2)	0/0	(2)	3/0	0/0	0/0	1/1	1/3	0/0	0/0	(1)	1/1	1/1	4/4	1/1	1/0	0/0	1/1	1/1	1/1	0/0	
Lubricating soap	—	—	diluted	?		1/3	1/1	(2-3)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	1/3	0/0	0/0	0/0	1/1	1/1	(1)	(2)	(1)	1/1	0/0	(2)	(1)	(1)	0/0	
Sulphur	S ₈	007704-34-9	tech. pure	Xi		1/1	1/1	1/0	1/0	(2)	0/0	1/0	1/1	1/1	0/0	3/0	3/4	1/1	0/0	(1)	1/1	1/1	3/0	1/1	4/4	0/0	(1)	1/1	1/1	1/1	Sulphur, net sulphur, sulphur bloom
Sulphur, melted, 121 °C	S ₈	007704-34-9	—	?		0	0	(4)	(3)	0	4	4	4	4	0	0	0	4	0	0	(1)	0	4	1	4	0	(3)	1	1	0/0	
Sulphur chloride	S ₂ Cl ₂	010025-67-9	—	C		0/0	0/0	4/4	(3)	0/0	0/0	4/4	4/4	0/0	0/0	0/0	0/0	0/0	1/0	1/1	1/0	4/4	1/0	4/4	0/0	3/4	(1/1L) ¹⁾	(1/1L) ¹⁾	0/0		¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.
Sulphur dioxide	SO ₂	007446-09-5	moist	T, C		1/1	1/1	(3)	(3)	0/0	1/1	4/4	1/3	3/4	2/2	1/2	0/0	0/0	1/1	1/1	1/1	1/4	1/0	4/4	4/4	0/0	3/4	1/1	1/1	1/0	with H2O -> Sulphurous acid
Sulphur dioxide	SO ₂	007446-09-5	liquid	T, C		3/4	4/4	(3)	3/4	0/0	4/4	4/4	4/4	4/4	2/2	3/4	0/0	0/0	1/2	1/1	1/1	4/4	1/0	4/4	4/4	0/0	(3)	(1)	(1)	1/0	with H2O -> Sulphurous acid
Sulphur dioxide, aqueous solution	-> see: Sulphurous acid																														
Sulphur ether	-> see: Ethyl ether																														
Sulphur hexafluorod	SF ₆	002551-62-4	—	—		0/0	0/0	1/0	(2)	1/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	1/0	0/0	0/0	(1)	(2)	1/0	3/0	1/0	0/0	(1)	(1)	(1)		
Carbon disulfide	CS ₂	000075-15-0	—	F+, T	X	4/4	4/4	3/0	4/4	0/0	4/4	2/0	4/4	4/4	4/4	4/4	4/4	4/4	1/3	1/1	1/0	1/1	4/4	1/0	4/4	0/0	1/1	1/1	1/1	1/0	
Sulphur monochloride	-> see: Sulphur chloride																														
Sulphur sodium	-> see: Sodium sulphide																														
Sulphuric acid	H ₂ SO ₄	007664-93-9	40 %	C+		1/1	1/1	4/4	2/0	(4)	1/2	4/4	1/1	2/0	3/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	(3)	1/1	4/4	0/0	3/4	2/3	2/3	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	60 %	C+		1/3	1/3	4/4	3/3	(4)	1/2	4/4	1/3	2/4	1/1	1/2	0/0	0/0	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	4/4	4/4	3/4	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	80 %	C+		1/1	1/1	4/4	3/4	4/4	1/2	4/4	1/1	3/4	3/0	1/1	1/3	0/0	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	4/4	2/4	2/3	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	95 %	C+		3/4	3/4	4/4	4/4	4/4	2/2	4/4	3/4	4/4	4/4	2/4	0/0	4/4	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	4/4	1/3	1/3	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	fuming	C+		4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/0	(1)	1/0	4/4	4/4	1/0	4/4/						

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK				
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI			AL	V2A	V4A	
Sebacic acid dibenzyl ester	-> see: Dibenzyl sebacate																															
Sebacic acid dibutyl ester	-> see: Dibutylsebacat																															
Sebacic acid diethyl ester	-> see: Diethylsebacate																															
Ocean water, seawater	-> see: Salt water, seawater																															
Soap solution	—	—	any	(—)		1/1	0/0	4/4	(2)	1/1	0/0	1/1	1/1	0/0	0/0	1/3	0/0	0/0	1/1	1/1	1/1	(1)	(1)	1/0	1/1	1/0	0/0	(3)	1/1	1/1	1/1	
Mustard	—	—	—	—		0/0	0/0	(2)	1/0	(1)	0/0	1/0	1/1	1/1	0/0	0/0	0/0	1/1	0/0	1/1	(1)	(1)	(2)	1/0	1/0	0/0	(2)	1/0L	1/0L			
Mustard oil	-> see: Allyl mustard oil																															
Silver acetate	C ₂ H ₃ AgO ₂	000563-63-3		Xi		1/1	1/1	(2)	1/2	(2)	1/1	(2)	1/1	2/2	1/1	2/2	0/0	0/0	1/1	1/1	(1)	(1)	(1)	(1)	(2)	(3)	0/0	(4)	0/0	0/0	0/0	
Silver cyanide	CAgN	000506-64-9		T		1/1	1/1	(2)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	0/0	1/1	(1)	(1)	(1)	(1)	(3)	0/0	(4)	0/0	0/0	0/0	
Silver nitrate	AgNO ₃	007761-88-8	aqueous	C		1/1	0/0	1/0	1/1	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	3/3	0/0	4/4	1/1	1/1	1/1	1/1		
Silver nitrate	AgNO ₃	007761-88-8		C		1/1	1/2	1/0	1/1	(2)	1/1	1/0	1/2	2/3	1/1	1/2	1/3	1/2	1/1	1/1	1/1	1/1	1/0	1/1	3/3	0/0	4/4	1/1	1/1	1/1		
Silicon dioxide	-> see: Silicic acid																															
Silicone fats	—	—		(—)		0/0	0/0	1/0	1/0	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	(1)	(1)	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1			
Silicone oil	—	—		?		1/1	1/1	1/0	1/0	1/1	1/1	1/1	1/1	3/3	1/0	1/4	0/0	1/1	0/0	1/1	1/1	(1)	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1	
Skydrol 500 (B4)	—	—		(Xn)		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	0/0	1/0	4/4	4/4	0/0	0/0	(1)	(1)				
Skydrol 7000	—	—		(Xn)		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	1/0	2/0	4/4	0/0	0/0	(1)	(1)				
Soda	-> see: Sodium carbonate																															
Soya oil	—	008001-22-7		—		0/0	0/0	(2)	(1)	1/0	0/0	2/0	1/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	1/1	1/0	0/0	(1)	1/1	1/1	1/1	1/1	1/1	
Spindle oil	—	—		?		3/3	2/3	(2)	(2)	1/0	0/0	(2)	1/4	0/0	0/0	3/0	0/0	0/0	0/0	(1)	1/1	1/1	(4)	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1	
Spinning bath acids	—	—	100mg CS ₂ /l	?		1/0	0/0	4/4	(3)	0/0	0/0	4/4	1/0	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/0	(3)	(2)	4/4	0/0	(4)	3/4	2/4	0/0	0/0	
Spinning solution, viscous -	—	—		(Xn, Xi)		1/1	1/1	4/4	(3)	0/0	0/0		1/1	0/0	0/0	1/1	1/1	0/0	0/0	(1)	1/1	1/1	(3)	(2)	4/4	0/0	(3)	3/4	2/4	0/0	0/0	
Spirits	C ₂ H ₆ O	—		—		1/1	1/0	1/0	1/1	1/1	0/0	1/2	1/1	0/0	1/0	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1	0/0	Ethanol 40 %	
Spirit	C ₂ H ₆ O	—		F	X	1/0	1/3	1/0	1/3	1/1	1/2	1/2	1/1	3/4	1/2	1/3	3/0	1/3	1/1	1/1	1/1	1/1	1/0	3/0	3/3	0/0	1/1	1/1	1/1	0/0	Ethanol	
Rinsing agent	—	—	aqueous	?		1/1	1/1	(2)	(2)	1/0	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(2)	(2)	(2)	0/0	(3)	(1)	(1)	0/0			
Starch gum	-> see: Dextrin																															
Starch solution	(C ₆ H ₁₀ O ₅) _n	—	any	—		1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0		
Starch syrup	—	—		—		1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0		
Stauffer's grease	—	—		(—)		0/0	0/0	(2)	(2)	(1)	0/0	(1)	(2)	1/4	0/0	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(1)	4/4	(1)	(2)	0/0	(1)	1/1	1/1	0/0	
Stearic acid	C ₁₈ H ₃₆ O ₂	000057-11-4	fuming	Xi		1/3	1/3	1/0	1/2	1/0	1/1	1/0	1/3	1/2	2/2	1/2	1/1	1/1	1/1	1/1	1/1	1/1	3/0	1/1	3/3	0/0	1/1	1/1	1/1	1/1	1/1	
Stearic acid zinc salt	-> see: Zinc stearate																															
Stearic acid butyl ester	C ₂₂ H ₄₄ O ₂	000123-95-5	100 %	Xi		0/0	0/0	(1)	(3)	1/0	0/0	(2)	(2)	0/0	0/0	1/0	1/0	0/0	0/0	(1)	(1)	(1)	4/4	1/0	4/4	0/0	(1)	1/1	1/1	0/0		
Coal tar oil	—	092045-38-0	100 %	T		1/0	1/3	1/0	(3)	0/0	0/0	1/0	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	3/0	4/4	0/0	(1)	1/1	1/1	1/1		
Nitrogen	N ₂	007727-37-9		—		0/0	0/0	1/0	1/1	1/1	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	
Nitrogen tetroxide	N ₂ O ₄	010544-72-6		(O), T+, C		0/0	0/0	3/0	(3)	1/0	0/0	4/4	1/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	4/4	4/4	4/4	0/0	(2)	(1)	(1)			
Strontium bromide	SrBr ₂	010476-81-0		Xi		1/1	1/1	(2)	(1)	(1)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	(1)	(1)	(2)	0/0	(3)	0/0	0/0	0/0		
Strychnine	C ₂₁ H ₂₂ N ₂ O ₂	000057-24-9		T+		1/1	1/1	(1)	(1)	(2)	0/0	(2)	(1)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(2)	(2)	0/0	(2)	(1)	(1)				
Styrene	C ₈ H ₈	000100-42-5	100 %	Xn, Xi	X	4/4	3/4	1/1	4/4	1/1	(4)	1/1	3/4	0/0	0/0	4/4	4/4	0/0	0/0	1/0	1/1	(2)	4/4	3/0	4/4	0/0	1/1	1/1	1/1	0/0		
Sulphite lye	-> see: Calcium bisulphite																															
Sulphuryl chloride	Cl ₂ SO ₂	007791-25-5	tech. pure	C		4/4	4/4	4/4	1/0	0/0	0/0	4/4	4/4	0/0	0/0	4/4	4/4	0/0	0/0	0/0	1/0	3/0	3/0	1/0	4/4	0/0	3/4	0/0	0/0			
Tallow	—	—	tech. pure	—		1/1	1/1	1/0	(1)	1/0	0/0	1/0	1/1	0/0	0/0	1/1	1/0	0/0	0/0	(1)	1/1	1/1	3/0	1/1	1/1	0/0	(1)	1/1	1/1	0/0		
Tannin	C ₇₆ H ₅₂ O ₄₆	001401-55-4	10 %	Xi		1/1	1/1	1/0	3/3	0/0	1/1	4/4	1/1	3/3	0/0	1/1	0/0	0/0	0/0	(1)	1/1	1/1	3/0	1/1	3/3	0/0	1/0	1/1	1/1	1/1	1/1	
Tannin	C ₇₆ H ₅₂ O ₄₆	001401-55-4		Xi		1/1	1/1	1/0	4/4	0/0	0/0	4/4	1/1	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	3/0	1/1	3/3	0/0	1/0	1/1	1/1	1/1	1/1	
Tar	—	—		T		0/0	1/0	1/0	(3)	1/0	0/0	1/0	(2)	1/0	1/0	1/0	3/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	4/4	0/0	(1)	(1)	(1)			
Surfactants	-> see: Wetting agent							</																								

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK		
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A	V4A
Tetrachloroethane	C ₂ H ₂ Cl ₄	—	tech. pure	T+		3/0	3/4	3/0	4/4	(4)	(4)	1/1	3/4	4/4	0/0	4/4	4/4	4/4	0/0	1/0	1/1	1/3	4/4	4/4	4/4	0/0	(3)	0/0	0/0	0/0	Isomer not specified in the source
Tetrachloroethene	-> see: Perchloroethylene																														
Tetrachloroethylene	-> see: Perchloroethylene																														
Carbon tetrachloride (TETRA)	CCl ₄	000056-23-5		T		4/4	4/4	4/4	4/4	1/4	4/4	2/3	4/4	4/4	4/4	4/4	4/4	1/1	1/1	1/1	1/3	4/4	1/1	4/4	0/0	4/4	(1/1L) ¹⁾	(1/1L) ¹⁾	1/1	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.	
Methane tetrachloride	-> see: Carbon tetrachloride																														
Tetrachlorotitanium	-> see: Titanium tetrachloride																														
Tetraethyl lead (TEL)	C ₈ H ₂₀ Pb	000078-00-2	techn. rein	T+	X	1/0	1/0	1/4	3/0	(2)	(4)	(2)	2/4	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	1/0	3/0	0/0	(2)	(1)	(1)	1/1	
Tetraethylorthosilicate	C ₈ H ₂₀ SiO ₄	000078-10-4		Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(3)	1/0	0/0	(1)	(1)	(1)		
Tetrafluoromethane	CF ₄	000075-73-0		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	3/0	1/0	0/0	(3)	0/0	0/0		
Tetrahydro-1,4-oxazine	-> see: Morpholine																														
Tetrahydrofuran (THF)	C ₄ H ₈ O	000109-99-9		F, Xi	X	3/4	4/4	1/0	4/4	1/0	3/4	1/3	3/4	4/4	4/4	4/4	4/4	2/3	1/1	1/0	3/3	4/4	4/4	4/4	0/0	1/1	(1)	(1)	1/1		
Tetrahydrofurfuryl alcohol	C ₅ H ₁₀ O ₂	000097-99-4		Xi		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(3)	(3)	(4)	0/0	(2)	(1)	(1)			
Tetrahydronaphthalene	C ₁₀ H ₁₂	000119-64-2	tech. pure	Xi		3/4	4/4	1/0	4/4	1/0	(4)	1/0	4/4	4/4	4/4	4/4	0/0	0/0	(1)	1/0	1/0	4/4	1/0	4/4	0/0	1/1	1/1	1/1	0/0		
Tetralin	-> see: Tetrahydronaphthalene																														
Tetramethylene oxide	-> see: Tetrahydrofuran																														
Tetraphosphorus decaoxide	-> see: Phosphorus pentoxide																														
Thiacyclopentadiene	-> see: Thiophene																														
Thiofuran	-> see: Thiophene																														
Thioglycolic acid	C ₂ H ₄ SO ₂	000068-11-1		T, C		0/0	1/1	(3)	(3)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(3)	(3)	(3)	(4)	0/0	3/4	0/0	1/1	0/0		
Thionyl chloride	Cl ₂ SO	007719-09-7	tech. pure	C		4/4	4/4	4/4	4/4	0/0	4/4	2/0	4/4	4/4	4/4	4/4	4/4	1/1	1/1	1/0	(3)	3/0	1/0	4/4	0/0	3/4	0/0	0/0	0/0		
Thiophene	C ₂ H ₄ S	000110-02-1		F, Xn	X	3/3	3/3	(2)	4/4	0/0	(4)	(2)	3/4	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	4/4	4/4	3/0	0/0	(1)	(1)	(1)	0/0	
Thymol	C ₁₀ H ₁₄ O	000089-83-8		C, Xn		0/0	0/0	(3)	(3)	0/0	0/0	(3)	(3)	3/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(4)	1/0	4/4	0/0	(1)	(1)	(1)		
Titanium chloride	-> see: Titanium tetrachloride																														
Titanium tetrachloride	TiCl ₄	007550-45-0		C		0/0	0/0	4/4	(3)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	4/4	(3)	4/4	0/0	(4)	0/0	0/0		
Toluene	-> see: Methylbenzene																														
Toluol	-> see: Methylbenzene																														
Toluenesulphone chloramide sodium, p-	-> see: Chloramine T																														
Tragacanth	—	009000-65-1		—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	(1)	1/1	1/1			
Transformer oil	—	—		?		1/3	3/3	1/0	(3)	1/1	1/0	3/3	1/3	1/3	1/0	1/0	0/0	1/3	0/0	(1)	1/1	(3)	4/4	2/3	3/3	0/0	1/1	(1)	(1)	0/0	
Grape sugar	-> see: Glucose																														
Triacetin	C ₉ H ₁₄ O ₆	000102-76-1		Xn		0/0	0/0	0/0	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	3/3	0/0	(1)	(1)	(1)			
Tribromomethane	-> see: Bromoform																														
Tributyl citrate	C ₁₈ H ₃₂ O ₇	000077-94-1		—		1/2	2/3	(2)	4/4	0/0	2/3	(2)	2/3	4/4	3/3	3/4	0/0	0/0	1/2	1/1	(1)	(2)	(3)	(3)	(3)	0/0	(1)	(1)	(1)		
Tributyl phosphate (TBP)	C ₁₂ H ₂₇ PO ₄	000126-73-8	tech. pure	Xn		1/1	1/1	1/0	(3)	0/0	0/0	(2)	1/3	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/1	1/0	3/0	4/4	4/4	0/0	(1)	(1)	(1)	1/1	
Trichloroacetaldehyde	C ₂ HCl ₃ O	000075-87-6	100 %	T/Xi		1/1	1/1	4/4	(3)	(4)	0/0	(3)	1/1	0/0	0/0	4/4	4/4	0/0	0/0	(1)	0/0	(4)	3/0	(4)	4/4	0/0	4/4	0/0	0/0	0/0	
Trichloroacetaldehyde hydrate	-> see: Chloral hydrate																														
Trichloraldehyde hydrate	-> see: Chloral hydrate																														
Trichlorobenzene	C ₆ H ₃ Cl ₃	—	100 %	(Xn)		4/4	4/4	(3)	(3)	0/0	(4)	(2)	4/4	4/4	0/0	4/4	4/4	4/4	0/0	(1)	(2)	(3)	(4)	(3)	4/4	0/0	(2)	0/0	0/0	0/0	Isomer not specified in the source
Trichloroacetic acid (TCA)	C ₂ HCl ₃ O ₂	000076-03-9		C+		1/4	3/4	4/4	4/4	4/4	0/0	4/4	1/1	4/4	0/0	4/4	4/4	0/0	0/0	1/0	1/1	1/4	3/0	4/4	4/4	0/0	1/3	3/0L	2/0L	1/1	
Trichloroethane	C ₂ H ₃ Cl ₃	—		Xn		3/4	4/4	3/0	4/4	4/4	4/4	(2)	4/4	4/4	4/4	4/4	4/4	4/4	1/2	1/1	(1)	1/3	4/4	1/0	4/4	0/0	4/4	0/0	0/0	0/0	Isomer not specified in the source
Trichloroethene	-> see: Trichloroethylene																														
Trichloroethylene (TRI)	C ₂ HCl ₃	000079-01-6	100 %	Xn		3/4	4/4	3/0	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/4	1/2	1/1	1/0	1/1	4/4	1/3	4/4	0/0	1/3	(1/1L) ¹⁾	(1/1L) ¹⁾	1/0	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.
Trichlorofluoromethane	CCl ₃ F	000075-69-4		N		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	(3)	(1)	0/0	4/4	2/0	1/0	0/0	(3)	0/0	0/0	0/0		
Trichloromethane	-> siehe: Chloroform																														
Trichloromonofluoromethane	-> siehe: Trichlorfluormethan																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics				Elastomers				Metals				REMARK
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C		
Trichlorophenol	C ₆ H ₃ Cl ₃ O	—		(Xn, Xi)		0/0	0/0	(3)	(4)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	(4)	(3)	(4)	0/0	(3)	0/0	0/0		Isomer not specified in the source	
Trichlorophosphine	-> see: Phosphorus trichloride																															
Trichlorophosphine oxide	-> see: Phosphorus oxychloride																															
Trichlorophosphorus oxide	-> see: Phosphorus oxychloride																															
Trichlorotrifluoroethane	C ₂ Cl ₃ F ₃	000076-13-1		?		0/0	0/0	1/0	(3)	1/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/0	4/4	3/0	1/0	0/0	(3)	0/0	0/0				
Triethanolamine (TEA)	C ₆ H ₁₅ NO ₃	000102-71-6	tech. pure	Xi		1/1	1/2	(2)	(2)	1/0	0/0	2/2	1/1	1/1	0/0	3/0	4/4	1/1	0/0	1/1	1/0	1/0	2/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0		
Triethylamine (TEA)	C ₆ H ₁₅ N	000121-44-8	tech. pure	F, C, Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	1/1	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	3/4	4/4	3/0	3/4	0/0	(1)	(1)	(1)	0/0			
Triethylene glycol	-> see: Triglycol																															
Triethylene glycol diacetate	-> see: Triglycol acetate																															
Trifluorotrichloroethane	C ₂ Cl ₃ F ₃	—	100 %	?		4/4	3/4	1/0	3/0	0/0	0/0	1/0	4/4	4/4	1/0	3/4	4/4	3/3	0/0	0/0	(1)	1/0	4/4	3/0	1/0	0/0	(3)	0/0	0/0		Isomer not specified in the source	
Triglycol	C ₆ H ₁₄ O ₄	000112-27-6		Xi		1/1	1/1	(3)	1/2	0/0	1/1	1/0	1/1	1/2	1/1	2/3	0/0	1/1	1/1	1/1	(1)	(2)	(2)	(1)	(3)	0/0	(1)	(1)	(1)	0/0		
Triglycol acetate	C ₁₀ H ₁₈ O ₆	000111-21-7		?		0/0	0/0	(3)	(3)	0/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	(3)	(4)	(4)	0/0	(1)	(1)	(1)			
Trihydroxybenzoic acid, 3,4,5-	-> see: Gallic acid																															
Trihydroxybenzene, 1,2,3-	-> see: Pyrogallol																															
Trihydroxybutane	-> see: Butanetriol																															
Trihydroxypurine, 2,6,8-	-> see: Uric acid																															
Trihydroxytriethylamine	-> see: Triethanolamine																															
Triiodomethane	-> see: Iodoform																															
Triisopropylbenzene	C ₁₅ H ₂₄	000717-74-8		—		0/0	0/0	(2)	(3)	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	1/0	0/0	1/1	(1)	(1)			
Tricresyl phosphate (TCF)	C ₂₁ H ₂₁ PO ₄	—	tech. pure	T/Xn, N		1/1	1/1	1/0	4/4	1/0	0/0	1/0	1/3	4/4	0/0	4/4	4/4	4/4	0/0	(1)	1/1	(3)	3/0	3/4	4/4	0/0	1/1	1/1	1/1	1/1	Isomer not specified in the source	
Trimethylbenzene, 1,3,4-	-> see: Pseudocumene																															
Trimethylolpropane	C ₆ H ₁₄ O ₃	000077-99-6	aqueous	—		0/0	0/0	(2)	(2)	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(2)	(2)	0/0	(1)	(1)	(1)			
Trimethylpentane, 2,2,4-	-> see: Iso-octan																															
Trisodium phosphate	Na ₃ PO ₄	007601-54-9		Xi		1/1	1/1	1/0	(2)	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	(4)	1/1	1/1			
Trisodium phosphate, tribasic	-> see: Sodium phosphate																															
Trinitrophenol, 2,4,6-	-> see: Picric acid																															
Trioctyl phosphate	C ₂₄ H ₅₄ PO ₄	000078-42-2	tech. pure	(Xn)		3/0	1/0	1/0	(3)	0/0	0/0	(2)	1/3	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/1	(3)	3/0	3/4	4/4	0/0	(1)	(1)	(1)	0/0		
Triphen	-> see: Hexachlorobutadiene																															
Tripropylene glycol (TPG)	C ₉ H ₂₀ O ₄	024800-44-0		(—)		1/1	1/1	(3)	1/2	0/0	1/1	1/0	1/1	1/1	1/1	2/3	0/0	0/0	1/1	1/1	1/1	(2)	(3)	(2)	(3)	0/0	(1)	(1)	(1)			
Tris(2-ethylhexyl) phosphate	-> see: Trioctyl phosphate																															
Tris(hydroxyethyl)-amine	-> see: Triethanolamine																															
Tris(hydroxymethyl)propane	-> see: Trimethylolpropane																															
Tropic acid tropylester sulphate	-> see: Atropine sulphate																															
Tung oil	-> see: Wood oil																															
Turbine oil (mineral oil base)	—	—		?		0/0	0/0	(1)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	(2)	1/0	0/0	1/1	1/1	1/1			
Superchloric acid	-> see: Perchloric acid																															
Undecanol	-> see: Undecyl alcohol																															
Undecyl alcohol	C ₁₁ H ₂₄ O	000112-42-5		Xi		1/2	1/3	(1)	2/3	(1)	1/2	1/0	1/2	2/2	3/3	1/3	0/0	1/1	1/2	1/1	1/1	(1)	(3)	(1)	(2)	0/0	(1)	(1)	(1)			
Urine	—	—		—		1/1	1/1	1/0	1/0	1/0	0/0	1/1	1/1	3/0	0/0	1/3	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	(2)	1/1	1/1	1/1		
Urotropine	-> see: Hexamethylenetetramine																															
Vaseline	—	008009-03-8	tech. pure	(—)		3/4	2/3	1/0	1/0	1/0	0/0		1/3	1/1	0/0	3/0	0/0	1/1	0/0	(1)	1/1	1/1	3/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1		
Vaseline oil	—	008012-95-1	100 %	?		0/0	1/3	1/0	(2)	1/0	1/0		1/3	1/0	1/0	3/0	0/0	0/0	(1)	(1)	(1)	3/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/1	Paraffin oil	
Vaseline oil	—	008012-95-1		?		1/1	1/3	1/0	1/0	1/0	0/0	1/1	1/3	1/1	0/0	1/3	1/0	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/3	0/0	1/1	1/1	1/1	1/1	Paraffin oil	
Vinyl acetate	C ₄ H ₆ O ₂	000108-05-4	tech. pure	F	X	0/0	1/1	1/0	4/4	(3)	(4)		1/4	0/0	0/0	4/4	4/4	0/0	0/0	1/0	1/0	1/1	1/0	3/0	3/3	0/0	(1)	(1)	(1)	0/0		
Vinylbenzene	-> see: Styrene																															
Vinylcarbinol	-> see: Allyl alcohol																															
Vinyl chloride	-> see: Chloroethylene																															
Vinyl cyanide	-> see: Acrylonitrile																															
Vinyl ethylene	-> see: Butadiene, 1,3-																															
Vinylidene chloride	C ₂ H ₂ Cl ₂	000075-35-4		F+, Xn	X	4/4	4/4	(2)	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/0	2/3	1/1	(1)	(2)	4/4	3/0	4/4	0/0	(3)	0/0	0/0	0/0		
Vitamin C	C ₆ H ₈ O ₆	000050-81-7	liquid	—		1/1	1/1	(2)	(2)	(1)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(1)	0/0	1/1	(1)	(1)			
Wax alcohol	—	—	tech. pure	(—)		3/4	3/4	(2)	(2)	1/0	0/0		3/4	0/0	0/0	1/1	3/4	0/0	0/0	(1)	1/1	1/1	4/4	1/1	1/1	0/0	(1)	(1)	(1)	0/0		
Waxes	—	—		—		0/0	1/3	1/1	1/1	1/1	0/0		1/3	1/1	0/0	0/0	1/1	0/0	(1)	1/1	1/1	(4)	1/0	1/1	0/0	1/1	(1)	1/1	1/1			

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK				
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI			AL	V2A	V4A	
Walnut oil	—	008024-09-7	—	—	—	0/0	0/0	(2)	(2)	1/0	0/0	1/3	3/3	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	(3)	(1)	(2)	0/0	(1)	1/1	1/1	1/1			
Spermaceti	—	008002-23-1	—	—	—	0/0	1/3	(1)	1/1	1/0	0/0	1/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	(1)	1/1	1/1	1/1	1/1			
Detergent	—	—	?	?	?	1/1	1/1	1/0	1/1	1/1	0/0	1/1	0/0	0/0	1/3	0/0	0/0	(1)	1/1	1/1	1/0	1/1	(2)	0/0	1/1	1/1	1/1	1/1	1/1			
Water	H ₂ O	007732-18-5	—	—	—	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	1/1			
Water, distilled ~	H ₂ O	007732-18-5	—	—	—	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	1/1			
Water glass	Na ₂ Si ₂ O ₇	001344-09-8	saturated	C, Xn	—	1/1	1/1	1/0	1/0	1/0	0/0	0/0	1/1	1/1	0/0	1/3	1/4	1/1	0/0	1/1	1/1	1/3	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	Aqueous solution of alkali silicates	
Hydrogen	H ₂	001333-74-0	tech. pure	F+	X	1/1	1/1	1/0	1/0	0/0	0/0	1/1	1/0	0/0	1/1	1/1	0/0	0/0	(1)	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1			
Hydrogen peroxide	H ₂ O ₂	007722-84-1	30 %	C	—	1/1	1/2	4/4	1/1	1/0	1/2	4/4	1/3	1/2	1/1	1/1	0/0	1/0	1/1	1/1	1/1	3/0	1/1	4/4	0/0	(3)	1/1	1/1	1/1			
Hydrogen peroxide	H ₂ O ₂	007722-84-1	100 %	O, C	—	1/4	1/4	4/4	0/0	0/0	0/0	4/4	4/4	4/4	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(2)	4/4	0/0	(3)	(1)	(1)	?			
Hydrogen peroxide	H ₂ O ₂	007722-84-1	90 %	O, C	—	1/1	1/2	4/4	1/1	0/0	1/2	4/4	1/3	1/2	1/1	1/2	0/0	0/0	1/1	1/1	1/1	1/0	3/0	1/3	4/4	0/0	(3)	1/1	1/1	?		
Hydrogen peroxide	H ₂ O ₂	007722-84-1	3 %	Xi	—	1/1	1/1	(3)	1/1	1/0	1/1	1/0	1/1	1/2	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/0	1/0	3/4	0/0	(3)	1/1	1/1	1/1			
Oxygenated water	-> see: Hydrogen peroxide																															
Plasticiser	—	—	?	?	?	1/3	1/3	(2)	(3)	0/0	0/0	(2)	1/3	0/0	0/0	0/0	3/3	0/0	(1)	(1)	0/0	(2-3)	0/0	4/4	0/0	(1)	(1)	(1)				
Wines	—	—	—	—	—	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	0/0	(4)	1/1	1/1	1/1	1/1		
Spirit of wine	C ₂ H ₆ O	—	50 %	(F)	X	1/0	1/1	1/0	1/1	1/1	1/0	1/2	1/1	1/0	1/0	1/0	3/0	0/0	0/0	1/1	1/1	1/1	1/0	(2)	1/1	0/0	1/1	1/1	1/1	1/1	Ethanol	
Spirit of wine	C ₂ H ₆ O	—	96 %	F	X	1/0	1/3	1/0	1/3	1/1	1/2	1/2	1/1	3/4	1/2	1/3	3/0	1/3	1/1	1/1	1/1	1/0	3/0	3/3	0/0	1/1	1/1	1/1	1/1	1/1	Ethanol	
Tartaric acid	C ₄ H ₆ O ₆	000087-69-4	aqueous	Xi	—	1/1	1/1	3/3	1/2	0/0	0/0	(3)	1/1	0/0	1/1	0/0	0/0	0/0	1/1	1/1	1/1	3/0	1/1	1/1	0/0	(4)	1/3	1/2	1/1			
Tartaric acid	C ₄ H ₆ O ₆	000087-69-4	—	Xi	—	1/1	1/1	4/4	1/2	0/0	1/1	(3)	1/1	2/2	1/1	1/2	1/3	1/1	1/1	1/1	1/1	3/0	1/1	1/1	0/0	(4)	1/3	1/2	1/1			
Cream of tartar	-> see: Potassium hydrogentartrate																															
Whiskey	—	—	—	—	—	0/0	0/0	1/0	1/1	1/1	0/0	1/2	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1	Whisky, Scotch, Bourbon		
White spirit	—	008042-47-5	—	Xn	—	1/0	1/0	(1)	(3)	1/0	(4)	1/0	1/3	0/0	0/0	1/0	0/0	0/0	(1)	1/1	(2)	4/4	1/0	(2)	0/0	1/1	1/1	1/1				
Wool grease	-> see: Lanolin																															
Xenon	Xe	007440-63-3	—	—	—	0/0	0/0	1/0	(1)	1/1	0/0	1/1	(2)	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/1	1/0	1/0	0/0	1/1	1/1	1/1				
Xylol	-> see: Xylene																															
Xylene	C ₈ H ₁₀	001330-20-7	—	(F), Xn	X	3/4	3/4	1/0	4/4	0/0	3/4	1/2	4/4	4/4	4/4	4/4	4/4	4/4	1/2	1/1	1/0	1/3	4/4	1/3	4/4	0/0	1/1	1/1	1/1	1/1		
Cedar oil	—	008000-27-9	?	?	?	3/4	4/4	(2)	2/3	0/0	4/4	(2)	4/4	4/4	3/3	3/4	0/0	0/0	1/2	1/1	(1)	(2)	(4)	(2)	(3)	0/0	(1)	(1)	(1)			
Cinnamon	—	—	grinded	?	?	0/0	0/0	(2)	1/0	(2)	0/0	(2)	2/0	3/0	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)			
Cinnamaldehyde	C ₉ H ₈ O	000104-55-2	—	Xn, Xi	—	0/0	0/0	(2)	(3)	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	1/0	1/0	4/4	0/0	(1)	(1)	(1)			
Cinnamon oil	—	008007-80-5	—	Xn, Xi	—	3/4	4/4	(2)	2/3	0/0	4/4	(2)	4/4	4/4	3/3	4/4	0/0	0/0	1/2	1/1	(1)	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)			
Zinc acetate	C ₄ H ₇ ZnO ₄	000557-34-6	aqueous	Xn, Xi	—	1/1	1/1	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	3/3	0/0	(3)	(1)	(1)				
Zinc bromide	ZnBr ₂	007699-45-8	—	C, Xn	—	1/1	1/1	4/4	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	(2)	(1)	(2)	0/0	(3)	0/0	0/0			
Zinc carbonate	ZnCO ₃	003486-35-9	saturated	?	?	1/1	1/1	(1)	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0	No chemical effect expected due to low solubility		
Zinc chloride	ZnCl ₂	007646-85-7	aqueous	(C, Xn)	—	1/1	1/1	3/4	(2)	0/0	0/0	2/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/4	1/4L	1/3L	1/1			
Zinc chloride	ZnCl ₂	007646-85-7	10 %	C, Xn	—	1/1	1/1	3/4	1/0	0/0	1/1	2/0	1/1	1/3	0/0	1/3	1/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/4	1/4L	1/3L	1/1			
Zinc nitrate	Zn(NO ₃) ₂	007779-88-6	—	O, C, Xn	—	1/1	1/1	1/4	(2)	0/0	0/0	(2)	1/1	1/0	1/0	1/0	1/0	1/1	0/0	1/1	1/1	(1)	1/0	(1)	(2)	0/0	(3)	(1)	(1)	0/0		
Zinc oxide	ZnO	001314-13-2	solid	Xn, Xi	—	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	1/1	1/1		No chemical effect expected due to low solubility		
Zinc phosphate	Zn ₃ (PO ₄) ₂	007779-90-0	saturated	?	?	1/1	1/1	(1)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0			
Zinc ointment	—	—	?	?	?	0/0	0/0	(1)	(2)	(2)	0/0	(2)	(2)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(2)	(4)	(2)	(2)	0/0	(2)	(1)	(1)			
Zinc sludge	—	—	?	?	?	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	(3)	0/0	0/0			
Zinc stearate	C ₃₆ H ₇₀ ZnO ₄	000557-05-1	—	Xi	—	1/1	1/1	(1)	1/1	0/0	1/1	1/1	1/1	1/1	1/2	1/1	1/1	1/1	1/1	1/1	1/1	(2)	1/1	(2)	0/0	(2)	(1)	(1)				
Zinc sulphate	ZnSO ₄	007733-02-0	10 %	—	—	1/1	1/1	(3)	1/0	(2)	1/0	2/0	1/1	1/1	0/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/0	0/0	3/4	1/1	1/1	1/1		
Zinc vitriol	-> see: Zinc sulphate																					</										

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics		Elastomers		Metals				Hastelloy C	REMARK	
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A
Sugar beet juice	—	—	—	—	1/1	1/1	1/0	1/0	0/0	1/0	1/1	1/1	1/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	(2)	(1)	(1)		
Sugar acid	—	—	saturated	(Xi)	1/1	1/1	(3)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	1/0	(1)	(1)	0/0	(3)	0/0	0/0		
Sugar syrup	—	—	—	—	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/3	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Two-stroke oil	—	—	100 %	—	0/0	1/3	1/0	(2)	1/0	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1		1/1

Two values are given for each medium:
left number = value at +20°C / right number = value at +50°C

Resistance

Two values are given for each medium:
left number = value at +20°C / right number = value at +50°C

0	no information available/no statement possible
1	very good resistance/suitable
2	good resistance/suitable
3	limited resistance
4	not resistant
K	no general information possible
L	Risk of pitting or stress corrosion cracking
()	Estimated value

Hazard preventions

E	explosive
O	oxidising
F	inflammatory
F+	extremely inflammable
T	toxic
T+	very toxic
C	caustic
Xn	harmful to health
Xi	irritant
N	environmentally hazardous

Name of materials

Thermoplastics

HDPE	High density polyethylene
LDPE	Low density polyethylene
PA	Polyamide (nylon)
PC	Polycarbonate
PETG	Polyethylene terephthalate glycol (co-
PMP	polyester) Polymethylpentene (TPX)
POM	Polyoxymethylene
PP	Polypropylene
PS	Polystyrene
PSU	Polysulfone
PVC	Polyvinyl chloride
SAN	Styrene acrylonitrile

Fluoroplastics

E-CTFE	Ethylene-chlorotrifluoroethylene (Halar)
ETFE	Ethylene tetrafluoroethylene
FEP	Tetrafluoroethylene-perfluoropropylene (Teflon,
PTFE	FEP) Polytetrafluoroethylene (Teflon)
PVDF	Polyvinylidene fluoride

Elastomers

EPDM	Ethylene propylene terpolymer rubber
FPM/FKM	Fluoropolymer (Viton)
NBR	Nitrile rubber
SI	Silicone rubber

Metals

Al	Aluminium
V2A	Stainless steel 1.4301 (AISI 304)
V4A	Stainless steel 1.4401 (AISI 316)
Hastelloy C	Nickel-chromium-molybdenum alloy