

LIST OF CHEMICALS MACH I

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 MACH I

Tank:	PP	Suction hose:	PP, EVA
Sewage pump:	PP + GF20	Drain hose:	PP, EVA
Check valve:	PP	Floor nozzle:	PP
Screw connections:	PP	Suction tube:	PP
C-couplings:	PA6 + GF30	Suction head:	ABS

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Industrial vacuum cleaners for sludge

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	1/1	1/4	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	1/0	1/0	(1)	(1)	(1)	(1)	(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	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	0/0	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	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 ₅ H ₈ 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)	(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	2/2	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	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	0/0	1/1	(1)	1/1	1/0	1/0	1/1	0/0	1/1	0/0	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			

3 of 34

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	
Ammonium sulphocyanide	-> see: Ammonium thiocyanate																														
Ammonium thiocyanate	CH ₄ 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 ₅ H ₁₁ 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	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 ₅ 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	(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	(1)	(2)	1/0	1/0	1/0	0/0	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	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	1/0	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	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	1/0	1/1	0/0	1/1	1/2L	1/1L	1/1		
Barium chloride	BaCl ₂	010361-37-2	aqueous	T		1/1	1/1	1/0	(2)	1/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1												

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	PEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI		AL	V2A	V4A
Benzoic acid	C ₇ H ₆ O ₂	000065-85-0	saturated	Xn, Xi		1/1	1/1	3/4	4/4	1/0	1/2	2/4	1/3	2/2	3/3	1/2	1/0	1/1	1/1	1/1	1/1	3/0	1/1	3/0	1/1	1/1	1/1			
Benzoic acid	C ₇ H ₆ O ₂	000065-85-0	aqueous	Xn, Xi		1/1	1/1	3/4	4/4	1/0	1/2	2/4	1/3	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	3/0	1/1	3/0	0/0	1/2	1/1	1/1	1/1
Benzoic acid sodium salt	-> see: Sodium benzoate																													
Benzoic acid aldehyde	-> see: Benzaldehyde																													
Benzoic acid benzyl ester	-> see: Benzyl benzoate																													
Benzoic acid chloride	-> see: Benzoyl chloride																													
Benzoic acid ethyl ester	C ₉ H ₁₀ O ₂	000093-89-0		Xn		2/2	3/3	(2)	4/4	0/0	2/3	(2)	2/3	4/4	4/4	4/4	0/0	4/4	1/2	1/1	1/0	(3)	(3)	(3)	4/4	0/0	(1)	(1)	(1)	
Benzene	C ₆ H ₆	000071-43-2		F, T	X	3/4	3/4	2/0	4/4	4/4	2/3	1/2	3/4	4/4	4/4	4/4	0/0	0/4	1/2	1/1	1/1	1/3	4/4	3/3	4/4	0/0	1/1	1/1	1/1	0/0
Benzene-1,2-dicarboxylic acid	-> see: Phthalic acid																													
Benzene carboxylic acid	-> see: Benzoic acid																													
Benzene hexachloride (BHC)	-> see: Hexachlorocyclohexane																													
Benzenesulfonic acid	C ₆ H ₅ SO ₃	000098-11-3	saturated	C		1/1	1/1	(4)	(3)	(4)	0/0	(4)	2/4	0/0	1/0	2/0	0/0	0/0	0/0	1/1	1/1	1/4	4/4	1/0	4/4	0/0	3/4	0/0	1/0	0/0
Benzoyl chloride	C ₇ H ₅ ClO	000098-88-4	100 %	C		0/0	3/3	4/4	(4)	0/0	(4)	(3)	3/4	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/0	(3)	4/4	0/0	1/0	(2L)	(2L)	0/0
Benzyl acetate	C ₉ H ₁₀ O ₂	000140-11-4		Xn/Xi		1/1	1/2	(2)	3/4	0/0	1/2	(2)	1/2	4/4	4/4	4/4	0/0	4/4	1/2	1/1	1/0	(3)	(3)	1/0	4/4	0/0	1/1	1/1	1/1	
Benzyl alcohol	C ₇ H ₈ O	000100-51-6		Xn		3/4	4/4	4/4	0/0	4/4	1/0	4/4	1/0	4/4	4/4	2/3	0/0	4/4	1/1	1/1	1/1	3/0	1/0	4/4	0/0	1/1	1/1	1/1	1/1	3/3
Benzyl benzoate	C ₁₄ H ₁₂ O ₂	000120-51-4		Xn		0/0	0/0	(2)	(3)	0/0	(3)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	4/4	(3)	4/4	0/0	(1)	(1)	(1)	
Benzylcarbinol	-> see: Phenylethanol																													
Benzyl chloride	C ₇ H ₇ Cl	000100-44-7	100 %	T/Xi		0/0	4/4	1/0	4/4	0/0	4/4	(2)	4/4	4/4	4/4	4/4	0/0	0/0	0/0	(1)	1/0	(3)	4/4	1/0	4/4	0/0	4/4	1/1L	1/1L	0/0
Benzylether	-> see: Dibenzyl ether																													
Succinic acid	C ₄ H ₆ O ₄	000110-15-6	50 %	Xi		1/1	1/1	(3)	(2)	0/0	0/0	(3)	1/1	0/0	0/0	2/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	(1)	0/0	1/1	1/0	1/0	1/1
Succinic acid	C ₄ H ₆ O ₄	000110-15-6	saturated	Xi		1/1	1/1	(3)	(2)	0/0	0/0	(3)	1/1	1/1	0/0	1/3	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/0	1/0	?
Succinic acid diethyl ester	C ₈ H ₁₄ O ₄	000123-25-1		—		0/0	0/0	(2)	(4)	0/0	0/0	(3)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(2)	4/4	4/4	0/0	(1)	(1)	(1)	
Bichromate sulphuric acid	-> see: Chromosulphuric acid																													
Beeswax	—	008012-89-3		—		1/1	1/1	1/1	(1)	1/0	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(3)	(1)	(2)	0/0	1/1	(1)	(1)	
Beer	—	—		—		1/1	1/1	1/0	1/0	1/0	1/0	1/1	1/1	0/0	0/0	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1
Bis(2-chloro-1-methylethyl)-ether	-> ssee: Dichloroisopropyl ether																													
Bis(2-ethylhexyl)-dipate	-> see: Dioctyladipate																													
Bis(2-ethylhexyl)-phthalate	-> see: Diisooctyl phthalate																													
Bis(2-ethylhexyl)-sebacate, sebacic acid bis(2-ethylhexyl)-ester	-> see: Dioctylsebacate																													
Bismuth chloride	BiCl ₃	007787-60-2		Xi		1/1	1/1	(3)	(2)	(2)	0/0	(4)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(2)	1/0	(1)	(1)	0/0	(4)	0/0	0/0	
Bismuth subnitrate	Bi ₂ O(HO) ₂ (NO ₃) ₄	001304-85-4		O, Xi		1/1	1/1	(3)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(2)	1/0	(1)	(1)	0/0	(3)	0/0	0/0	
Bisulphite	-> see: Sodium bisulphite																													
Bisulphite lye	NaHSO ₃	??		Xn		1/1	1/1	(3)	(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	(3)	1/1	1/1	1/1
Bisulphite lye, containing SO ₂	NaHSO ₃	??	saturated	Xn		1/1	1/1	(3)	(3)	0/0	0/0	4/4	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	(3)	1/1	1/1	
Bitter almond oil	C ₇ H ₆ O	090320-35-7		Xn		1/3	3/3	3/0	4/4	4/4	1/2	1/0	1/4	4/4	3/3	4/4	4/4	1/4	1/3	1/1	1/1	1/1	3/4	4/4	4/4	0/0	1/1	1/1	1/1	Main ingredient: Benzaldehyde
Epsom salt	-> see: Magnesium sulphate																													
Bitumen	—	008052-42-4		—		0/0	0/0	1/0	(2)	(2)	0/0	2/0	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	(3)	0/0	1/1	(1)	(1)	
Hydrogen cyanide	HCN	000074-90-8	tech. pure	F+, T+	X	1/1	1/1	(3)	4/4	0/0	0/0	4/4	1/1	1/0	0/0	1/3	1/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/0	0/0	1/1	1/0	1/0	1/0
Hydrogen cyanide	HCN	000074-90-8	aqueous	F+, T+	X	1/1	1/1	(3)	4/4	0/0	(4)	4/4	1/1	1/0	0/0	1/0	1/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/0	0/0	(1)	1/0	1/0	?
Lead (II) acetate	C ₄ H ₆ PbO ₄	000301-04-2	aqueous	T, N		1/1	1/1	3/0	1/0	(2)	1/0	1/0	1/1	1/1	0/0	1/1	1/0	1/1	1/1	1/1	1/1	1/0	2/2	3/0	0/0	4/4	1/1	1/1	1/1	
Lead (II) acetate	C ₄ H ₆ PbO ₄	000301-04-2		T, N		1/1	1/1	3/0	1/0	(2)	0/0	1/0	1/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	2/2	2/2	0/0	4/4	1/1	1/1	1/1	
Lead(II) nitrate	Pb(NO ₃) ₂	010099-74-8	aqueous	O, T, N		1/1	1/1	(3)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/0	0/0	1/1	1/0	1/0	1/1	
Lead(II) nitrate	Pb(NO ₃) ₂	010099-74-8		O, T, N		1/1	1/1	(3)	(2)	(2)	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/0	0/0	1/1	1/0	1/0	1/1	
Lead nitrate	-> see: Lead (II) nitrate																													
Lead stearate	C ₃₆ H ₇₀ PbO ₄	001072-35-1		?		1/1	1/1	(2)	(1)	(1)	0/0	(1)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(2)	(1)	(2)	0/0	(1)	(1)	(1)	No chemical effect expected due to low solubility
Lead sulphate	PbSO ₄	007446-14-2		(T, N)		1/1	1/1	(2)	(1)	(1)	0/0	(1)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	0/0	(1)	(1)	(1)	No chemical effect expected due to low solubility
Tetraethyllead	-> see: Tetraethyl lead																													
Lead sugar	-> see: Lead (II) acetate																													
Yellow prussiate of Potash	-> see: Potassium hexacyanoferrate(II)																													
Red prussiate of Potash	-> see: Potassium hexacyanoferrate(III)																													
Borax	-> see: Sodium borate																													
Boric acid	H ₃ BO ₃	010043-35-3	10 %	Xi		1/1	1/1	1/0	1/1	1/0	1/1	2/3	1/1	1/2	1/0	1/3	1/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/2	1/1	1/1	1/1
Boric acid	H ₃ BO ₃	010043-35-3	aqueous	Xi		1/1	1/1	3/3	1/1	1/0	0/0	2/3	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	1/2	1/1	1/1	1/1
Spirits	-> see: Spirits																													

6 of 34

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	(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 bisulphite	Ca(HSO ₃) ₂	013780-03-5	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	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												Bleaching powder	
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												Bleaching powder	
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	1/1	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	1/1	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												Plaster	
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)	(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												made from Cinnamomum Camphora	
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</																																										

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	NGR	SI	AL	V2A	V4A	Hastelloy C		
Chloral hydrate	C ₂ H ₂ Cl ₂ O ₂	000302-17-0	tech. pure	T/Xi		3/3	3/3	4/4	(3)	(4)	0/0	(3)	3/4	0/0	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/1	4/4	3/0	3/4	4/4	0/0	0/0	0/0			
Chloramine T	C ₇ H ₇ ClNaSO ₂	000127-65-1	diluted	Xi		1/0	1/0	4/4	1/0	0/0	0/0	(3)	(3)	0/0	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/1	3/4	1/0	4/4	1/0	0/0	3/4	2/2	1/1	0/0	Swimming pool disinfection
Phenyl chloride	-> see: Chlorobenzene																															
Chlorobenzene	C ₆ H ₅ Cl	000108-90-7		Xn	X	3/4	3/4	4/4	4/4	1/4	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	3/4	4/4	0/0	1/1	(1/1) 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.	
Chlorine bleach	-> see: Sodium hypochlorite																															
Bromochloromethane	-> see: Bromochloromethane																															
Chlorobutadiene	C ₄ H ₃ Cl	000126-99-8		F, Xn	X	0/0	0/0	(2)	(3)	0/0	(4)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	3/4	4/4	0/0	(3)	0/0	0/0			
Chlorobutadiene	-> see: Calcium chloride																															
Chlorodifluoromethane	CHClF ₂	000075-45-6		N, Xn		0/0	3/0	1/0	3/0	1/0	0/0	1/0	4/4	4/4	4/4	2/0	4/4	0/0	0/0	3/3	1/0	(3)	1/0	4/4	4/4	0/0	(3)	0/0	0/0			
Chlorine dioxide	ClO ₂	010049-04-4		E, T		0/0	0/0	4/4	(3)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	1/0	(2)	4/4	1/0	4/4	0/0	3/4	3/4	3/4				
Chlorododecane	-> see: Lauryl chloride																															
Chloroacetic acid	C ₂ H ₃ ClO ₂	000079-11-8	50 %	T, C		1/3	1/3	4/4	(4)	4/4	0/0	4/4	1/1	0/0	0/0	1/0	0/0	3/4	0/0	(1)	1/1	1/4	2/0	3/0	4/4	0/0	4/4	2/4	2/4	1/4		
Chloroacetic acid	C ₂ H ₃ ClO ₂	000079-11-8		T, C		1/1	1/1	4/4	3/4	4/4	1/2	4/4	1/2	2/4	4/4	3/4	4/4	3/4	1/1	1/1	1/1	4/4	3/0	3/0	4/4	0/0	4/4	4/4	4/4	4/4		
Ethyl monochloroacetate	-> see: Ethyl chloroacetate																															
Chloroethanoic acid methyl ester	-> see: Methyl chloroacetate																															
Chlorethane	C ₂ H ₅ Cl	000075-00-3		F+, Xn	X	3/3	3/4	1/0	4/4	0/0	3/4	1/0	3/4	4/4	4/4	4/4	4/4	4/4	1/1	1/1	1/0	1/1	4/4	3/0	4/4	0/0	(3)	(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.	
Chloroethanol	C ₂ H ₅ ClO	000107-07-3	tech. pure	T+		1/1	0/0	4/4	4/4	0/0	0/0	3/4	4/4	0/0	0/0	4/4	0/0	0/0	0/0	1/1	1/0	1/3	3/0	4/4	4/4	0/0	(3)	1/0L	1/0L	1/0		
Chloroethyl alcohol, 2-	-> see: Chloroethanol																															
Chloroethylene	C ₂ H ₃ Cl	000075-01-4	tech. pure	F+, T	X	0/0	0/0	1/1	(4)	1/1	0/0		(3)	0/0	0/0	4/4	4/4	0/0	0/0	(1)	(1)	1/1	3/0	3/0	4/4	0/0	(1)	0/0	0/0	0/0		
Chlorofluoromethane	CH ₂ ClF	000593-70-4		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	0/0	(1)	0/0	1/0	4/4	4/4	0/0	(3)	0/0	0/0				
Chlorine gas	Cl ₂	007782-50-5		T		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	1/0	1/1	4/4	1/1	4/4	0/0	(3)	1/0	1/0			
Chlorinated potassium	-> see: Potassium chloride																															
Chlorinated lime	[3 x CaCl(OCi) + Ca —		aqueous	?		0/0	0/0	4/4	(2)	3/0	0/0	4/4	(2)	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	4/4	2/0L	2/0L	1/1	chloride of lime, bleach	
Chlorinated lime	[3 x CaCl(OCi) + C ₂ —			O, C		0/0	0/0	4/4	(2)	3/0	0/0	4/4	1/1	1/3	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	4/4	2/0L	2/0L	1/1	chloride of lime, bleach	
Chloromethane	CH ₃ Cl	000074-87-3	tech. pure	F+, T	X	3/0	2/0	4/4	(3)	0/0	0/0	1/0	4/4	4/4	4/4	4/4	4/4	4/4	0/0	1/0	1/0	1/1	4/4	4/4	4/4	0/0	4/4	(1/1L) ¹⁾	(1/1L) 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.	
Chloromethyl	-> see: Chloromethane																															
Chloromethylbenzene	-> see: Benzyl chloride																															
Chloromethyloxirane	-> see: Epichlorohydrin																															
Chloronaphthalene, 1-	C ₁₀ H ₇ Cl	000090-13-1		Xn		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)	1/1	4/4	1/0	4/4	0/0	(2)	1/0	1/0			
Nickel chloride	-> see: Nickel (II) chloride																															
Chloroform	CHCl ₃	000067-66-3	100 %	Xn		3/4	4/4	3/4	4/4	4/4	4/4	4/4	3/4	4/4	4/4	4/4	4/4	4/4	2/3	1/1	1/1	1/1	4/4	3/4	4/4	0/0	(3)	(1/1) 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.	
Chloroprene	-> see: Chlorobutadiene																															
Chloropentafluoroethane	C ₂ ClF ₅	000076-15-3		?		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	3/0	1/0	0/0	(3)	0/0	0/0				
Chloropentane, 1-	-> see: Amyl chloride																															
Chlorophenyl methyl ketone, 4-	-> see: Chloroacetophenone, -p																															
Chloropropane, 2-	-> see: Isopropyl chloride																															
Chloropropylene, 3-	-> see: Allyl chloride																															
Chloric acid	HClO ₃	007790-93-4	1 %	(C)		0/0	1/1	4/4	(3)	0/0	0/0	(3)	1/3	0/0	0/0	1/3	1/0	0/0	0/0	0/0	1/1	1/1	3/0	1/1	(3)	0/0	(3)	4/4	4/4	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	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	1/0	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	(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	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	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	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	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																														

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			
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	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	0	0	0	4/4	0	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	
Dichloroide, 1,2-	-> see: Dichlorobenzene, 1,2-																															
Dichloroide, 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	(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	4/0	(1)	(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)			

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			
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	1/1	1/1	(1)	(3)	(2)	(4)	(3)	0/0	(1)	(1)	(1)		
Diethylmethane	-> see: Pentane																															
Diethyl sebacate	C ₁₄ H ₂₆ 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	(1)	(1)	(2)	2/0	3/0	4/4	0/0	(1)	(1)	(1)		Plasticiser	
Diethyl succinate	-> see: Succinic acid diethyl ester																															
Diffuorochloroethane	C ₂ H ₃ 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	(1)	0/0	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	(1)	0/0	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	(1)	0/0	1/0	4/4	1/0	0/0	(3)	0/0	0/0				
Diffuorotetrachloroethane	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	(1)	0/0	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	1/1		
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	1/1		
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	1/0	(1)	0/0	(1)	1/1	1/1	0/0			
Disodium sulphate	-> see: Sodium sulphate																															
Dinonyl phthalate (DNP)	C ₂₆ 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																															
Diphenyl	—	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 ₈ H ₁₈ 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	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
Dinitrogen tetroxide	-> see: Nitrogen tetroxide																													
Disulphite	-> see: Sodium disulphite																													
Divinylnsulphide	-> 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	1/1	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	0/0	1/1	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	0/0	1/1	1/1	1/1	1/1	(1)	1/0	(1)	0/0	4/4	1/1	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	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)	(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	0/0	1/1	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)	(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 ₃ 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	01/0	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	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	1/1	1/1	1/1	1/1	1/1	(2)	(3)	3/3	0/0	1/3	1/1	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	1/1
Acetic acid Silver salt	-> see: Silver acetate																													
Acetic alumina	C ₂ 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	(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 ₆ 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	4/4	1/2	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-											</																		

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	0/0	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	0/0	(1)	(1)	(1)		
Ethyl lactate	C ₅ 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	0/0	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														

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
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	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	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
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	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	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	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	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	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	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	1/1
Glucose syrup	-> see: Starch syrup																													

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			
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	1/0	1/1	1/0	0/0	1/1	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		
Glycocol	-> 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)	0/0	4/4	1/1	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	(1)	1/1	(2)	4/4	(1)	3/3	0/0	1/1	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	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	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	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	
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)	0/0			
Gibbsite	-> see: Aluminium hydroxide																														
Hydraulic fluids, HFA	—	—	50°C	?		0	0	0	0	0	0	(3)	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	(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	(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	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	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	(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	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	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	(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	(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 ₅ H ₁₂ 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)	(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)	(1)	0/0	
Isobutyl acetate	C ₆ H ₁₂ 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	(1)	1/0	(2)	2/0	4/4	4/4	0/0	(1)	(1)	(1)			
Isobutyl alcohol	-> see: Isobutanol																														
Isobutyl ketone	-> see: Diisobutyl ketone																														
Isobutyl methyl ketone	C ₆ H ₁₂ 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)	(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)	(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 ₆ H ₁₀ 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)	(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	(1)	(1)	(2)	4/4	1/0	4/4	0/0	(3)	0/0	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	(1)	(1)	0/0	
Isopropylidene acetone	-> see: Mesityl oxide																														

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			
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	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	CHI 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	IF 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	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	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	1/1	1/0	3/3	0/0	1/0	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 hydrogentartate																															
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			
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	1/1	4/4	0/0	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	1/0	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	1/1	0/0	1/0	4/4	4/4	4/4	?		
Potassium hydrogentartate	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		
Potassium hydroxide	KHO	001310-58-3	50 %	C+		1/1	1/1	1/3	4/4	4/4	1/1	3/0	1/1	2/2	1/1	1/3	1/0	1/3	1/1	1/1	1/1	3/3	1/0	4/4	3/4	0/0	4/4	1/1	1/1	1/1		
Potassium hydroxide	KHO	001310-58-3	concentrated	C+		1/1	1/1	1/0	4/4	4/4	1/1	3/0	1/1	2/2	1/1	1/2	1/0	1/3	1/1	1/1	1/1	3/3	1/0	4/4	3/4	0/0	4/4	1/1	1/1	1/1		
Potassium hydroxide	KHO	001310-58-3	1 %	Xi		1/1	1/1	1/0	3/4	(4)	1/1	1/1	1/1	2/2	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/3	3/3	0/0	4/4	1/1	1/1	1/1	1/1		
Potassium hypochlorite	KClO	007778-66-7	diluted	(O, C)																												

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	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	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	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	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	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	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	1/0	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	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	0/0	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	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	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	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	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	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	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	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	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)	(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	0/0	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	4/4	2/3	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	1/1</	

20 of 34

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			
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	1/1	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	1/0	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																																

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			
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			
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	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)	2/4	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		
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	1/1	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		
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		
Sodium bisulphite	NaHSO ₃	007631-90-5	aqueous	Xn		1/1	1/1	1/0	(2)	1/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/1	1/0	1/0	0/0	1/0	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 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	
Sodium chlorite	NaClO ₂	007758-19-2	diluted	(O, Xn)		1/0	1/3	1/4	(2)	0/0	0/0	(2)	1/3	0/0	0/0	3/0	4/4	0/0	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	3/4	3/4	3/3	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Sodium chromate	NaCrO ₄	007775-11-3	diluted	T		1/0	1/0	1/1	(2)	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	1/0	1/3	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	
Sodium cyanide	CNNa	000143-33-9	saturated	T		1/1	1/1	1/0	(3)	0/0	0/0	3/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/3	0/0	4/4	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Sodium cyanide	CNNa	000143-33-9	aqueous	T		1/1	1/1	1/0	(3)	1/0	0/0	3/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	0/0	4/4	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Sodium dichromate	Na ₂ Cr ₂ O ₇	010588-01-9	—	T		0/0	1/1	1/0	1/0	3/0	1/1	(3)	1/1	1/1	0/0	1/0	0/0	0/0	1/1	(1)	1/1	1/1	1/0	1/0	3/3	0/0	1/1	(1)	(1)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium disulphite	Na ₂ S ₂ O ₅	007681-57-4	any	Xn		1/1	1/1	1/0	(2)	(2)	0/0	4/4	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/0	1/0	0/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium dithionite	Na ₂ S ₂ O ₄	007775-14-6	10 %	Xn		1/1	0/0	(2)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	1/3	0/0	1/1	0/0	(1)	1/1	1/3	1/0	1/1	3/3	0/0	4/4	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium dithionite	Na ₂ S ₂ O ₄	007775-14-6	—	Xn		1/1	0/0	(2)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	1/3	0/0	1/1	0/0	(1)	1/1	1/3	1/0	1/1	3/3	0/0	4/4	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium dodecylbenzene sulphonate	C ₁₈ H ₂₉ NaSO ₃	025155-30-0	—	Xn		1/1	1/1	(2)	(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)	(2)	0/0	(2)	(1)	(1)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium iron cyanide	-> see: Sodium hexacyanoferrate(II)																																						
Sodium ferrocyanide	-> see: Sodium hexacyanoferrate(II)																																						
Sodium fluoride	NaF	007681-49-4	saturated	T		1/1	1/1	1/0	(2)	(1)	1/0	1/1	1/1	1/0	0/0	1/0	1/3	1/1	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	0/0	1/1	0/0	1/1	0/0	1/1	0/0	1/1	0/0	1/1	1/1	
Sodium hexacyanoferrate-(II)	C ₆ FeNa ₆ N ₆	013601-19-9	—	Xn		1/1	1/1	(1)	(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)	(2)	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
Sodium hexametaphosphate	(NaPO ₃) ₆	068915-31-1	saturated	—		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)	2/0	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
Sodium hydrogen carbonate	-> see: Sodium bicarbonate																																						
Sodium hydrogen sulphate	-> see: Sodium bisulphate																																						
Sodium hydrogen sulphite	-> see: Sodium bisulphite																																						
Sodium hydrosulphite	-> see: Sodium dithionite																																						
Sodium hydroxide	NaOH	001310-73-2	concentrated	C		1/1	1/1	1/3	4/4	4/4	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(2)	1/0	4/4	3/4	0/0	4/4	(2)	(2)	?	?	?	?	?	?	?	?	?	
Sodium hydroxide	NaOH	001310-73-2	30 %	C+		1/1	1/1	1/0	4/4	4/4	1/0	1/3	1/1	1/0	1/0	1/3	1/3	0/0	0/0	1/1	1/1	(2)	1/0	(3)	2/3	0/0	4/4	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium hydroxide	NaOH	001310-73-2	45 %	C+		1/1	1/1	1/0	4/4	4/4	1/0	1/3	1/1	1/1	1/0	1/3	1/3	1/1	0/0	0/0	1/1	(2)	1/0	2/4	2/3	0/0	4/4	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium hydroxide	NaOH	001310-73-2	50 %	C+		1/1	1/1	1/0	4/4	4/4	1/1	1/3	1/1	2/2	1/1	1/2	0/0	0/3	1/1	1/1	1/1	3/3	1/0	3/4	3/3	0/0	4/4	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium hydroxide	NaOH	001310-73-2	60 %	C+		1/1	1/1	1/0	4/4	4/4	1/0	(3)	1/1	1/0	1/0	0/0	0/0	0/0	0/0	0/0	1/1	(2)	1/0	3/4	2/3	0/0	4/4	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium hydroxide	NaOH	001310-73-2	1 %	Xi		1/1	1/1	1/0	3/4	(3)	1/1	1/1	1/1	2/2	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/3	0/0	(4)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Sodium hypochlorite	NaClO	007681-52-9	diluted	(O, C)		2/3	2/3	4/4	(3)	3/0	1/3	4/4	2/3	1/3	1/1	1/3	1/0	1/1	0/0	1/1	1/1	1/1	3/0	1/3	4/4	0/0	4/4	3/3L	2/2L	0/0	Javelle water, new								
Sodium hypochlorite	NaClO	007681-52-9	15 %	O, C		2/3	2/3	4/4	2/3	(3)	1/3	4/4	2/3	1/3	1/1	1/1	0/0	1/1	1/1	1/1	1/1	3/4	3/0	1/3	4/4	0/0	4/4	3/3L	2/2L	0/0	Javelle water, new								
Sodium hypochlorite	NaClO	007681-52-9	saturated	O, C		2/3	2/3	4/4	2/3	(3)	1/3	4/4	2/3	1/3	1/1	1/3	0/0	1/1	0/0	(1)	1/1	(3)	3/0	1/3	4/4	0/0	4/4	3/3L	2/2L	0/0	Javelle water, new								
Sodium hypochlorite	NaClO	007681-52-9	12,5 % Cl	O, C		2/3	2/3	4/4	2/3	(3)	1/3	4/4	2/3	1/3	1/1	1/3	1/0	1/1	1/1	1/1	1/1	1/1	3/0	1/3	4/4	0/0	4/4	3/3L	2/2L	0/0	Javelle water, new								
Sodium hypodisulphite	-> see: Sodium dithionite																																						
Sodium iodide	NaI	007681-82-5	any	Xi		1/1	1/1	(2)	(1)	(1)	0/0	1/1	1/0	0/0	0/0	1/3	0/0	0/0	1/1	1/1	1/1	1/3	(1)	(1)	1/1	0/0	1/1	3/4	3/4	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
Sodium metaborate peroxide	-> see: Sodium perborate																																						
Sodium nitrate	NaNO ₃	007631-99-4	saturated	O, Xn		1/1	1/1	1/0	1/0	(1)	1/0	1/1	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/0	1/1	2/3	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
Sodium nitrate	NaNO ₃	007631-99-4	aqueous	O, Xn		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	1/0	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
Sodium nitrite	NaNO ₂	007632-00-0	saturated	O, T		1/1	1/1	1/0	(2)	(1)	1/0	1/1	1/1	1/1	0/0	1/0	1/0	1/1	0/0																				

MEDIUM	Thermoplastics																				Fluoroplastics				Elastomers				Metals				REMARK
	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	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	1/1	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	1/0	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	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	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	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)	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					
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	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)	0/0			
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	1/1	4/4	1/1	(2)	0/0	(1)	1/1	1/1	0/0			
Ole, Oils, ethereal	—	—	?	?		4/4	3/4	(2)	(3)	0/0	0/0	(2)	3/4	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	(1-3)	(3)	0/0	1/1	(1)	(1)	0/0			
Olefin	-> see: Oleic acid																																
Oleum	H ₂ SO ₄ x SO ₃	008014-95-7	10 % SO ₃	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	0/0	0/0	1/0	1/0	4/4	4/4	1/0	4/4	0/0	1/3	1/2	1/1	0/0	Fuming sulphuric acid		
Oleum vapours	—	—	low	?		4/4	0/0	4/4	(3)	0/0	0/0	4/4	4/4	0/0	0/0	1/0	0/0	0/0	0/0	(1)	(1)	1/0	(3)	1/0	(3)	0/0	(3)	(1)	(1)	0/0			

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																													
Oxymethylfurfurol, 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		
Perhydroxic 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																													

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
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	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	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	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	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	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	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	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		
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	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	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	1/1	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	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 ₅ 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																			

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
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)	0/0	0/0		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(dichloride)	-> 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	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	(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	(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 ₃ 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	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	1/0	1/1	1/3	0/0	4/4	(4)	(4)	1/1	Sublimate
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																						

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	(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	0/4	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	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	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	0/0	1/1	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	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	(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	1/1	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	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					

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	
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	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)	(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	(1)	(1)	(1)	(1)	(3)	0/0	(4)	0/0	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		
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	1/0	1/0	1/1	1/1	3/3	1/0	1/4	0/0	1/1	0/0	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	Polysiloxan	
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)		Basis Phosphorsäureester; Solutia	
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)		Basis Phosphorsäureester; Solutia	
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	
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	
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	
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	
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	
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	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	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	
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	
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	(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)	(2)	(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	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	
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	
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	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	(1)	0/0	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	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	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	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 ₂ 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	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	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	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	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	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 troylester 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		
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		
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	1/1			

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	0/0	1/1	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	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	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	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	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	1/0	1/1	1/0	(2)	1/1	1/1	1/0	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			
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	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	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	0/0	(3)	1/1	0/0	1/1	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 hydrogentartate																															
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	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	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	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	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 ₆ ZnO ₄	000557-34-6	aqueous	Xn, Xi	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	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	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	1/1	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	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	1/1	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					

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			
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	1/0	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	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	1/3	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	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	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