

SEZNAM CHEMICKÝCH LÁTEK MACH II

DŮLEŽITÁ POZNÁMKA

Tabulka „Chemická odolnost plastů“ byla uvedena na základě informací od různých výrobců surovin. Hodnoty se týkají výhradně laboratorních testů se surovinami. Plastové díly z nich vyrobené často podléhají vlivům, které nelze zjistit při laboratorních zkouškách (teplota, tlak, namáhání materiálu, působení chemických látek, konstrukční vlastnosti atd.). Z těchto důvodů mohou uvedené hodnoty sloužit pouze jako směrnice. V případě pochybností důrazně doporučujeme provést test. Z těchto informací nelze vyvozovat žádné právní nároky, vylučujeme jakoukoli záruku a odpovědnost. Samotná chemická a mechanická odolnost není pro posouzení použitelnosti výrobku dostačující. Zejména je třeba zohlednit předpisy pro hořlavé kapaliny (ochrana proti výbuchu).

AUTORSKÁ PRÁVA

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Jazyk seznamu chemických látek: Angličtina

SEZNAM MATERIÁLŮ MACH II

Nádrž:	PP	Sací hadice:	EVA
Čerpadla na špinavou vodu:	V2A nerezová ocel	Výpustná hadice:	PVC
Zpětný ventil:	PVC	Podlahová hubice:	Hliník/Guma
Šroubové spojení:	PVC	Sací trubice:	PVC
Spojky C, kulový ventil:	Hliník	Sací hlavice:	PA

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rössle

Průmyslové vysavače bahna

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

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

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

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	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			
Ammonium sulphocyanide	-> see: Ammonium thiocyanate																															
Ammonium thiocyanate	CH ₃ N ₂ S	001762-95-4		Xn		1/1	1/1	(3)	1/0	(2)	1/1	1/0	1/1	1/3	0/0	1/0	0/0	1/1	1/1	1/1	1/1	(1)	1/0	(3)	1/0	0/0	(2)	(1)	(1)			
Ammonium nitrate	-> see: Ammonium nitrate																															
Amylacetate, n-	C ₇ H ₁₄ O ₂	000628-63-7		—	X	1/2	2/3	2/0	4/4	1/3	2/3	(1)	3/4	4/4	4/4	4/4	4/4	1/1	1/1	1/1	1/3	3/4	4/4	4/4	0/0	1/1	1/1	1/1	0/0			
Amyl alcohol, n-	C ₅ H ₁₂ O	000071-41-0		Xn	X	1/1	1/2	1/0	1/0	1/0	2/3	1/0	1/1	1/3	3/0	2/3	3/0	0/4	1/1	1/1	1/1	1/1	3/0	2/4	3/0	0/0	1/2	1/1	1/1	0/0		
Anym chloride	C 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	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	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 CIN ₅	000142-04-1	saturated	T		1/3	0/0	(3)	(3)	0/0	0/0	(3)	1/3	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	3/0	2/2	3/3	0/0	4/4	4/4	4/4			
Aniline hydrochloride	-> see: Aniline chlorohydrate																															
Anilinium chloride	-> see: Aniline chlorohydrate																															
Anise	—	—		?		0/0	0/0	(2)	(2)	(2)	0/0	(2)	(2)	0/0	0/0	0/0	0/0	1/1	0/0	1/1	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)			
Anise oil	C ₇ H ₈ O	000100-66-3	100 %	Xi	X	1/4	3/4	1/0	4/4	0/0	2/3	(2)	3/3	4/4	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(3)	4/4	4/4	4/4	0/0	1/0	(1)	(1)	0/0		
Anise oil	—	084775-42-8		Xi		0/0	0/0	(3)	(3)	0/0	(4)	(2)	(3)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	4/4	(3)	4/4	0/0	(1)	(1)	(1)	0/0		
Anon	-> see: Cyclohexanone																															
Antimony (III) chloride	-> see: Antimony trichloride																															
Antimony (V) chloride	-> see: Antimony pentachloride																															
Antimony pentachloride	SbCl ₅	007647-18-9		C		0/0	0/0	4/4	(3)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(2)	(2)	(2)	4/4	0/0	(3)	(4)	(4)	0/0		
Antimony trichloride	SbCl ₃	010025-91-9	90 %	C		1/1	1/1	4/4	1/0	0/0	0/0	4/4	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	(1)	1/1	1/0	1/1	3/0	0/0	4/4	4/4	4/4	0/0	
Antimony trichloride	SbCl ₃	010025-91-9	anhydrous	C		0/0	0/0	4/4	1/0	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	1/0	1/0	1/0	0/0	1/1	4/4	4/4			
Antimony trichloride	SbCl ₃	010025-91-9	aqueous	C		0/0	0/0	4/4	(3)	0/0	0/0	4/4	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	1/1	1/0	1/1	3/0	0/0	4/4	4/4	4/4			
Apple juice	—	—		—		1/1	1/1	(1)	1/0	1/0	0/0	(2)	1/1	1/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(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	(1)	1/0	(1)	(2)	0/0	(2)	1/1	1/1			
Orange peel oil	—	008028-48-6		Xn		(3)	(3)	1/0	(3)	0/0	(4)	1/0	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(3)	4/4	(2)	(3)	0/0	(1)	(1)	(1)		mainly +-Limes	
Arcton 12	-> see: Dichlorodifluoromethane																															
Arcton 21	-> see: Dichlorodifluoromethane																															
Arcton 22	-> see: Chlorodifluoromethane																															
Arsenic anhydride	-> see: Arsenic pentoxide																															
Arsenic pentoxide	As ₂ O ₅	001303-28-2		T, N		1/1	1/1	(3)	(2)	0/0	0/0	(4)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(2)	(2)	(3)	(3)	0/0	(3)	(1)	(1)			
Arsenic acid	H ₃ AsO ₄	022538-92-7	aqueous	T, N		1/1	0/2	(3)	1/0	0/0	0/0	4/4	1/1	1/1	0/0	1/3	3/0	0/0	1/1	1/1	1/1	1/1	1/0	2/2	1/1	0/0	4/4	1/0	1/1	1/1		
Arsenic acid	H ₃ AsO ₄	022538-92-7	80 %	T, N		1/1	0/2	(3)	1/0	0/0	0/0	4/4	1/1	1/1	0/0	1/3	3/0	0/0	1/1	0/0	1/1	1/1	1/0	2/2	1/1	0/0	4/4	1/0	1/1	1/1		
Arsenic anhydride	-> see: Arsenic pentoxide																															
Ascorbic acid	C ₆ H ₈ O ₆	000050-81-7	aqueous	—		1/1	1/1	(2)	(2)	(1)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	(1)	0/0	1/1	(1)	(1)	0/0		
Ether	-> siehe: Ethylether																															
Atropine sulphate	C ₃₄ H ₄₈ N ₂ SO ₁₀ ·H ₂ O	000055-48-1		T+		1/1	1/1	(2)	(1)	(2)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(2)	(2)	(1)	0/0	(2)	(1)	(1)			
Caustic baryte	-> see: Barium hydroxide																															
Caustic potash	-> see: Potassium hydroxide																															
Caustic lime	-> see: Calcium oxide																															
Caustic soda	-> see: Sodium hydroxide																															
Azafluorene, 9-	-> siehe: Carbazole																															
Valerian drops	—	—		?		0/0	0/0	(2)	(2)	(2)	0/0	(2)	(2)	4/4	0/0	0/0	0/0	1/0	0/0	1/1	1/1	(1)	(3)	(3)	(2)	0/0	(2)	(1)	(1)			
Barium bromide	BaBr ₂	010553-31-8		Xn		1/1	1/1	(2)	(2)	1/0	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	1/0	(1)	1/1	0/0	(2)	(2L)	(2L)			
Barium carbonate	BaCO ₃	000513-77-9	saturated	Xn		1/1	1/1	1/1	(1)	1/1	1/1	(1)	1/1	1/1	0/0	1/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	1/1	No chemical effect expected due to low solubility	
Barium chloride	BaCl ₂	010361-37-2	saturated	T		1/1	1/1	1/0	1/0	1/0	1/1	(2)	1/1	1/1	1/0	1/3	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/0	1/1	0/0	1/1	1				

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MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK									
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A													
Butyraldehyde	C ₄ H ₈ O	000123-72-8		F, Xn	X	0/0	0/0	(3)	(3)	0/0	(4)	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	(3)	3/0	4/4	0/0	(1)	(1)														
Cadmium bromide	CdBr	007789-42-6		T		1/1	1/1	(3)	(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)	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	1/1	1/1	1/1	1/1	(1)	1/0	4/4	3/3	0/0	(2)	(1)	(1)	0/0												
Calcium bicarbonate	Ca(HCO ₃) ₂	—	saturated	—		1/1	1/1	1/1	(1)	(1)	0/0	1/1	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/0	(1)	(1)	0/0	(2)	(1)	(1)	0/0												
Calcium bisulphite	Ca(HSO ₃) ₂	013780-03-5	saturated	Xn		1/1	1/1	(3)	(2)	0/0	0/0	4/4	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	1/0	3/3	0/0	(3)	1/1	1/3	1/1												
Calcium bromide	CaBr ₂	007789-41-5		?		1/1	1/1	(2)	(1)	(2)	0/0	(3)	1/1	1/1	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	(1)	(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	0/0	1/1	1/1	1/1	1/0	1/0	4/4	0/0	1/0	1/1	1/1	1/1												
Calcium nitrate	Ca(NO ₃) ₂	010124-37-5	aqueous	O		1/1	1/1	(2)	(1)	(2)	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/0	1/1	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	1/0	(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																																									
Carbonyl chloride	-> see: Phosgene																																									
Carnauba wax	—	008015-86-9		—		1/1	1/1	1/1	(1)	1/0	0/0	(1)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	(3)	(1)	(1)	0/0	1/1	(1)	(1)													
Caesium bromide	CsBr	007787-69-1		Xi		1/1	1/1	(2)	(2)	(2)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	(1)	(1)	(2)	(1)	0/0	(2)	0/0	0/0													

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
Chloral hydrate	C ₂ H ₃ Cl ₃ 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	4/4	0/0	0/0	0/0
Chloramine T	C ₂ H ₃ ClNaNSO 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	1/0	0/0	0/0	(1)	1/0	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 ₅ 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	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(OCl)] + 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(OCl)] + Ca —			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	

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMMA	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C	
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	1/3	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	000124-18-5		Xn	X	0/0	0/0	(1)	(2)	(1)	(3)	1/1	(3)	0/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	(1)	4/4	1/0	3/3	0/0	1/1	(1)	(1)		
Decanedioic acid dibenzyl ester	-> see: Dibenzyl sebacate																														
Decanedioic acid dibutyl ester	-> see: Dibutyl sebacate																														
Decanedioic acid diethyl ester	-> see: Diethyl sebacate																														
De																															

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 ₁₀ 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	0/0	(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)	0/0		
Diethylamine	C ₄ H ₁₁ N	000109-89-7	tech. pure	F, C, Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	(2)	1/2	0/0	0/0	3/0	0/0	0/0	0/0	(1)	1/0	1/4	2/0	4/4	4/4	0/0	(1)	1/1	1/1	0/0		
Diethylbenzene	C _{10</}																															

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		
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	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	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	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	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	0/0	(1)	0/0	4/4	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 ₈ H ₁₆ 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 ₂ H ₅ NO	000068-12-2		T, F	X	1/1	1/3	1	4/4	1/0	1/1	1/2	1/1	4/4	4/4	3/4	0/0	4/4	2/2	1/1	1/1	4/4	2/0	4/4	4/4	0/0	(1)	1/1	1/1	1/1	
Dimethyl ketone	-> see: Acetone																														
Dimethylpentanone-3, 2,4-	-> see: Diisopropyl ketone																														
Dimethyl phthalate (DMP)	C ₁₀ H ₁₀ O ₄	000131-11-3	100 %	(Xn)		4/4	1/3	(2)	4/4	0/0	0/0	(2)	2/3	4/4	0/0	4/4	4/4	4/4	0/0	(1)	1/1	(2)	3/0	2/0	4/4	0/0	(1)	(1)	(1)	0/0	Plasticiser
Dimethylpropane	-> see: Pentane																														
Dimethyl sulphoxide (DMSO)	C ₂ H ₆ SO	000067-68-5		Xi		1/1	1/1	(2)	4/4	0/0	1/1	1/0	1/1	1/2	4/4	4/4	0/0	0/0	1/2	1/1	(1)	(3)	(3)	(3)	(4)	0/0	(1)	(1)	(1)		
Disodium hydrogen phosphate	-> see: Disodium phosphate																														
Disodium phosphate	Na ₂ HPO ₄	007558-79-4		(Xi)		1/1	1/1	1/0	(2)	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/0	(1)	0/0	(1)	1/1	1/1	0/0	
Disodium sulphate	-> see: Sodium sulphate																														
Dinonyl phthalate (DNP)	C 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	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	
Dinitrogen tetroxide	-> see: Nitrogen tetroxide																													
Disulphite	-> see: Sodium disulphite																													
Divinylsulphide	-> see: Thiophene																													
Dodecanol	-> see: Lauryl alcohol																													
Dodecyl alcohol	-> see: Lauryl alcohol																													
Dodecyl chloride	-> see: Lauryl chloride																													
Dolcymene	-> see: Cymene, p-																													
Eau de Labarraque	-> see: Sodium hypochlorite																													
Edetic acid	-> see: Ethylenediaminetetraacetic acid																													
Iron (II) ammonium sulphate	-> see: Ammonium iron (II) sulphate																													
Iron (II) chloride	FeCl ₂	007758-94-3	saturated	Xn		1/1	1/1	3/0	1/0	(2)	1/0	(3)	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	(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)	(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)	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)	1/0	0/0	4/4	1/1	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	(1)	1/0	(1)	0/0	4/4	1/1	1/1	1/1
Iron (III) chloride	FeCl ₃	007705-08-0	saturated	Xn		1/1	1/1	3/0	1/0	0/0	1/0	4/4	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	(1)	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	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)	(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																													
Elalol	-> 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	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	0/0
Epichlorohydrin	C ₂ H ₅ ClO	000106-89-8	100 %	F, T	X	1/0	1/0	4/4	(4)	0/0	(4)	1/0	2/2	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/0	(3)	3/0	4/4	4/4	0/0	(3)	0/0	0/0	0/0
Epoxypropane	-> see: Propylene oxide																													
Epsom salt	-> see: Magnesium sulphate																													
Natural gas	—	—	F+		X	0/0	0/0	0/0	1/0	1/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	1/0	1/0	0/0	1/1	(1)	(1)	0/0	mainly methane
Peanut oil	—	008002-03-7	—			0/0	0/0	0/0	(2)	1/0	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(1)	4/4	1/0	1/0	0/0	(1)	(1)	(1)	0/0
Crude oil / petroleum	—	008002-05-9	(Xn)			0/0	0/0	1/0	(3)	1/0	0/0	1/0	1/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	1/0	3/3	0/0	(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	1/0	1/3	1/1	1/1	1/1	1/1	(2)	(3)	3/3	0/0	1/3	1/1	1/1	1/1
Acetic acid	C ₂ H ₄ O ₂	000064-19-7	5 %	Xi		1/1	1/3	4/4	1/2	1/1	1/1	1/3	1/1	1/1	1/1	1/1	3/0	1/1	1/1	1/1	1/1	1/0	3/3	3/3	0/0	1/3	1/2	1/1	1/1	
Acetic acid Silver salt	-> see: Silver acetate																													
Acetic alumina	C 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 ₈ H ₁₂ O ₂	000123-86-4	100 %	—	X	2/2	2/3	1/0	4/4	3/0	3/3	(2)	3/4	4/4	4/4	4/4	4/4	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-																													
Acetic acid propyl ester	-> see: Propyl acetate																													
Acetic acid vinyl ester	-> see: Vinyl acetate																													

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	FPW / 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 ₅ 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	1/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
Ethanol	C ₂ H ₅ 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				
Ethanol	C ₂ H ₅ 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	1/0	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	(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 ₅ 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	(1)	(1)	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)					
Ethene	-> see: Ethylene																																
Ether	-> see: Ethyl ether																																
Ethyne	-> see: Acetylene																																
Ethynylcarbiol	-> 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													

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

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics														Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A			
Ethylhexanol-1	C ₈ H ₁₈ O	000104-76-7		Xn/Xi		0/0	1/3	(2)	(2)	(1)	1/0	1/0	1/0	3/0	0/0	1/0	4/4	0/0	0/0	0/0	(1)	1/1	(1)	1/0	1/0	1/0	0/0	(1)	(1)	(1)		
Ethyl lactate	C 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	0/0	0/0	0/0	1/0	(3)	3/0	2/3	4/4	0/0	1/1	1/1	1/1	1/1		
Formin	-> see: Hexamethylenetetramine																															
Formylic acid	-> see: Formic acid																															
Photo emulsions	—	—		?		1/0	0/0	1/0	(2)	(2)	0/0	1/0	1/1	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/1	(2)	(2)	(1)	0/0	(2)	0/0	0/0			
Photo developers	—	—		?		1																										

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		
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	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	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	0/0	(1)	(1)	(3)	4/4	4/4	4/4	0/0	(1)	(1)	(1)	0/0	
Furandal	-> see: Furfural																														
Furancarbinol, 2-	-> see: Furfuryl alcohol																														
Furanmethanol, 2-	-> see: Furfuryl alcohol																														
Furfural	-> see: Furfural																														
Furfural alcohol	-> see: Furfuryl alcohol																														
Furfuran	-> see: Furan																														
Furfural	C ₅ H ₄ O ₂	000098-01-1		T		1/3	3/4	3/3	(3)	1/0	0/0	2/0	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	1/2	3/0	4/4	4/4	0/0	1/1	1/1	1/1	0/0		
Furfuryl alcohol	C ₅ H ₆ O ₂	000098-00-0	tech. pure	Xn		1/1	1/3	1/0	(3)	1/0	0/0	1/0	1/3	0/0	4/4	4/4	4/4	3/4	0/0	(1)	1/1	1/3	3/0	(3)	4/4	0/0	(1)	(1)	(1)	0/0	
Furylaldehyde, 2-	-> see: Furfural																														
Furylmethanal, 2-	-> see: Furfural																														
Gallotannin	-> see: Tannin																														
Gallic acid	C ₇ H ₆ O ₅ x H ₂ O	000149-91-7		Xi		1/1	1/1	1/0	(3)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/4	3/0	1/0	3/0	0/0	1/0	1/1	1/1	1/1	1/1	
Fermentation amyl alcohol	-> see: Isoamyl alcohol																														
Fermentation mash	—	—		?		1/1	1/1	(2)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(2)	(1)	1/0	4/4	0/0	(2)	(1)	(1)	0/0	
Gas oil (straight-run)	—	—		(Xn)		0/0	0/0	(1)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	(1)	(1)		
Gasoline	—	008006-61-9		(F, Xn)	X	0/0	0/0	(1)	3/4	(2)	0/0	1/2	3/4	0/0	0/0	0/0	0/0	0/0	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	1/1	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	PMMA	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / 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	1/1	1/1	1/0	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/1		
Glycerol trinitrate	-> see: Nitroglycerin																															
Glycine	-> see: Aminoacetic acid																															
Glycol	-> see: Ethylene glycol																															
Glycol dinitrate	-> see: Nitroglycol																															
Glycolic acid	C ₂ H ₄ O ₃	000079-14-1	37 %	Xn		1/1	0/0	4/4	(2)	0/0	0/0	(3)	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/1	1/1	1/3	1/0	2/0	1/0	0/0	1/0	1/3	1/3	1/1		
Glycolic acid	C ₂ H ₄ O ₃	000079-14-1	70 %	C, Xn		1/1	1/1	4/4	(2)	0/0	0/0	(3)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(2)	1/0	3/0	(2)	0/0	(2)	1/3	1/3	1/1		
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)	(1)	0/0	4/4	1/1	1/1	0/0		
Urea	CH ₄ N ₂ O	000057-13-6	aqueous	Xi		1/1	1/1	1/0	1/1	1/0	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/0	1/0	1/1	Urea, carbamide, etc.	
Urea	CH ₄ N ₂ O	000057-13-6		Xi		1/1	1/1	1/0	1/1	1/0	1/2	1/1	1/1	1/2	3/3	2/4	3/3	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/0	1/0	1/1	Urea, carbamide, etc.	
HD oil engine oil, aromatics-free	—	—		?		1/0	1/3	1/0	1/1	1/1	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	4/4	(1)	3/3	0/0	1/1	1/1	1/1			
Yeast	—	—	any	—		1/1	1/1	1/0	(1)	1/0	0/0	1/1	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	(1)	(1)			
Heating oil	—	—		Xn		3/3	3/4	1/0	3/3	1/0	2/3	1/1	1/3	3/4	1/2	1/1	3/3	1/1	1/1	1/1	1/1	4/4	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1	1/1	
Helium	He	007440-59-7		—		0/0	0/0	1/0	(1)	1/1	0/0	1/1	1/0	0/0	0/0	0/0	0/0	0/0	1/1	(1)	1/1	(1)	1/0	1/0	1/0	0/0	1/1	1/1	1/1			
Hendecanol	-> see: Undecyl alcohol																															
Henkel-P3-solution	—	—		?		1/1	1/1	(2)	(2)	(1)	0/0	(1)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	(2)	(2)	1/0	0/0	0/0	1/1	1/1		Cleaning agents	
Heptan, n-	C ₇ H ₁₆	000142-82-5		F, Xn	X	2/3	3/4	1/0	1/2	1/0	3/3	1/2	2/4	4/4	1/2	2/3	4/4	1/0	1/1	1/1	1/1	1/1	4/4	1/1	1/1	0/0	1/1	1/1	1/1	0/0		
Heptanol, 1-	C ₇ H ₁₆ O	000111-70-6		Xn		0/0	0/0	(2)	(2)	(1)	0/0	(1)	(2)	0/0	0/0	0/0	0/0	1/3	0/0	(1)	(1)	(1)	4/4	(1)	1/0	0/0	(1)	(1)	(1)			
Heptanon	C ₇ H ₁₄ O	—		(Xn)	X	0/0	0/0	(3)	(4)	(4)	(4)	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(4)	(4)	4/4	0/0	(1)	(1)	(1)		Isomer not specified in the source	
Heptanon-4	-> see: Dipropylketone																															
Heptyl alcohol	-> see: Heptanol, 1-																															
Hexachlorobenzene (HCB)	C ₆ Cl ₆	000118-74-1		T		0/0	0/0	(3)	(4)	0/0	(4)	1/0	(3)	0/0	0/0	0/0	0/0	1/1	0/0	(1)	(2)	0/0	4/4	(3)	4/4	0/0	(1)	0/0	0/0			
Hexachlorobutadiene (HCBD)	C ₄ Cl ₆	000087-68-3		T		0/0	0/0	(3)	4/4	0/0	(4)	1/0	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(2)	(3)	4/4	1/0	4/4	0/0	(3)	0/0	0/0			
Hexachlorocyclohexane (HCH)	C ₆ H ₆ Cl ₆	000319-84-6		T		0/0	0/0	(3)	(4)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	0/0	4/4	1/0	4/4	0/0	(3)	0/0	0/0			
Hexadecanol	-> see: Cetyl alcohol																															
Hexadecanoic acid	-> see: Palmitic acid																															
Hexadecyl alcohol	-> see: Cetyl alcohol																															
Hexahydrobenzene	-> see: Cyclohexan																															
Hexahydrophenol	-> see: Cyclohexanol																															
Hexahydropyridine	-> see: Piperidine																															
Hexahydrotoluene	-> see: Methylcyclohexane																															
Hexaldehyde	-> see: Hexanal																															
Hexamethylenetetramine	C ₆ H ₁₂ N ₄	000100-97-0		F, Xn	X	0/0	0/0	(2)	(2)	1/0	0/0	(2)	(2)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(2)	(2)	(2)	(3)	0/0	(1)	1/1	1/1	0/0		
Hexamine	-> see: Hexamethylenetetramine																															
Hexane, n-	C ₆ H ₁₄	000110-54-3		F, Xn	X	2/3	4/4	1/0	(2)	1/0	3/4	1/1	2/3	4/4	1/2	2/4	4/4	1/1	1/1	1/1	1/1	1/1	4/4	1/1	1/1	0/0	1/1	1/1	1/1	0/0		
Hexanal	C ₆ H ₁₂ O	000066-25-1		F, Xi	X	0/0	0/0	0/0	(4)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	3/0	4/4	4/4	0/0	(1)	(1)	(1)			
Hexanedioic acid	-> see: Adipic acid																															
Hexanol, (1-)	C ₆ H ₁₄ O	000111-27-3		Xn		1/0	1/0	(2)	(2)	(1)	0/0	(1)	1/2	0/0	3/0	1/0	3/0	1/3	0/0	(1)	1/0	(1)	4/4	1/0	1/0	0/0	(1)	(1)	(1)	0/0		
Hexanone-2	-> see: Methyl butyl ketone																															
Hexanetriol	C ₆ H ₁₄ O ₃	—	100 %	?		1/1	1/1	(2)	(2)	(1)	0/0	(1)	1/1	1/0	0/0	1/1	3/3	1/1	0/0	(1)	1/1	(1)	1/0	1/0	1/0	0/0	(1)	(1)	(1)	0/0	Isomer not specified in the source	
Hexen, 1-	C ₆ H ₁₂	000592-41-6		F, Xn	X	0/0	0/0	1/0	(2)	(1)	(4)	(1)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	1/0	3/3	0/0	1/1	1/1	1/1			
Hexylaldehyde	-> see: Hexanal																															
Hexyl alcohol	-> see: Hexanol, (1-)																															
Hexylene	-> see: Hexen, 1-																															
Staghorn salt	-> see: Ammonium carbonate																															
Wood alcohol	-> see: Methanol																															
Wood oil	—	008001-20-5		—		0/0	0/0	(1)	(2)	1/0	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	4/4	(1)	1/0	0/0	1/1	(1)	(1)			
Wood tar oil	-> see: Creosote																															

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics																Fluoroplastics				Elastomers				Metals				REMARK
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FMF / 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	0/0	0/0	(1)	1/1	0/0	(1)	(1)	(1)	0/0							
Gibbsite	-> see: Aluminium hydroxide																																	
Hydraulic fluids, HFA	—	—	50°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	(1)	0	4	0	1	0	(2)	0	0						
Hydraulic fluids, HFB	—	—	50°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	(1)	0	4	0	1	0	(2)	0	0						
Hydraulic fluids, HFC	—	—	60°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	(1)	0	0	0	1	0	(2)	0	0						
Hydraulic fluids, HFD-R	—	—	100°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	0	0	0	0	4	0	(2)	0	0						
Hydraulic fluids, HFD-S	—	—	100°C	?		0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	0	0	0	0	4	0	(2)	0	0						
Hydraulic oils (mineral oil based)	—	—	?			0/0	0/0	0/0	0/0	(1)	0/0	1/0	1/3	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/3	1/0	3/4	4/4	0/0	1/0	1/3	1/3	1/1					
Hydrazine	N ₂ H ₄	000302-01-2	10 %	T	X	1/1	1/0	4/4	(4)	0/0	0/0	2/0	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/0	1/3	1/0	3/4	4/4	0/0	1/0	1/3	1/3	1/1					
Hydrazine hydrate	N ₂ H ₆ O	010217-52-4	aqueous	(T, C)	(X)	1/1	1/0	4/4	(4)	0/0	0/0	2/0	1/1	0/0	0/0	1/0	0/0	0/0	0/0	1/0	1/3	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 ₃ N ₂ SO ₅	010039-54-0	12 %	Xn		1/1	1/1																											

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

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics					Elastomers					Metals					REMARK	
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL	V2A	V4A		Hastelloy C
Isopropyl methyl ketone	C ₃ H ₁₀ O	000563-80-4		T ⁺	X	0/0	0/0	(2)	4/4	(4)	(4)	(2)	(3)	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	3/0	4/4	4/4	0/0	(1)	(1)	(1)		
Jasminaldehyde	-> see: α-pentylcinnamaldehyde																														
Iodine potassium	-> see: Potassium iodide																														
Iodoform	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	(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	1/1	(1)	4/4	1/0	4/4	0/0	(1)	1/1	1/1			
Potash alum	-> see: Potassium aluminium sulphate																														
Potash lye	-> see: Potassium hydroxide																														
Potassium peroxodisulphate	-> see: Potassium persulphate																														
Potassium nitrate	-> see: Potassium nitrate																														
Potassium (hexa)cyanoferrate-(II)	-> see: Potassium hexacyanoferrate (II)																														
Potassium (hexa)cyanoferrate-(III)	-> see: Potassium hexacyanoferrate (III)																														
Potassium acetate	C ₂ H ₃ KO ₂	000127-08-2	aqueous	Xi		1/1	1/1	1/0	(1)	(2)	0/0	1/1	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/0	1/1	1/1	3/0	3/3	0/0	1/3	1/1	1/1	0/0	
Potassium aluminium sulphate	KAl(SO ₄) ₂ x 12H ₂ O	010043-67-1	diluted	Xi		1/1	1/1	1/0	1/0	(2)	0/0	3/4	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/0	3/3	0/0	1/0	1/1	1/1	1/1	1/1	
Potassium aluminium sulphate	KAl(SO ₄) ₂ x 12H ₂ O	010043-67-1	saturated	Xi		1/1	1/1	1/0	1/0	(2)	0/0	3/4	1/1	1/0	1/0	1/3	1/3	0/0	1/1	1/1	1/1	1/1	1/0	3/3	0/0	1/0	(1)	(1)	0/0		
Potassium bicarbonate	-> see: Potassium hydrogen carbonate																														
Potassium bichromate	-> see: Potassium dichromate																														
Potassium bisulphate	-> see: Potassium hydrogen sulphate																														
Potassium bitartrate	-> see: Potassium hydrogentartrate																														
Potassium borate	KBO ₂	012228-88-5	10 %	(Xn)		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	1/3	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	1/1	0/0	(3)	0/0	0/0	0/0	
Potassium borate	KBO ₂	012228-88-5	aqueous	(Xn)		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	1/1	0/0	(3)	0/0	0/0	0/0	
Potassium bromate	KBrO ₃	007758-01-2	saturated	O, T		1/3	1/3	(2)	1/0	0/0	0/0	(2)	1/1	1/1	0/0	1/3	0/0	1/1	0/0	(1)	1/1	1/1	1/0	1/1	1/1	0/0	(2)	0/0	0/0	0/0	
Potassium bromate	KBrO ₃	007758-01-2	aqueous	O, T		0/0	0/0	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	1/1	0/0	(2)	0/0	0/0	0/0		
Potassium bromide	KBr	007758-02-3	any	Xn		1/1	1/1	3/0	1/0	(1)	1/0	1/1	1/1	1/1	0/0	1/3	1/0	1/1	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/0	1/0L	1/0L	1/1	
Potassium carbonate	K ₂ CO ₃	000584-08-7	saturated	Xn		1/1	1/1	1/1	3/3	(2)	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/0	1/1	1/1	1/3	1/0	1/0	1/1	0/0	4/4	1/1	1/1	1/1	
Potassium carbonate	K ₂ CO ₃	000584-08-7	aqueous	Xn		1/1	1/1	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/1	0/0	4/4	1/1	1/1	1/1	1/1	
Potassium chlorate	KClO ₃	003811-04-9	saturated	O, Xn		1/1	0/0	1/0	(2)	0/0	0/0	2/0	1/1	1/0	0/0	1/1	0/0	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	1/1	
Potassium chlorate	KClO ₃	003811-04-9	aqueous	O, Xn		1/1	0/0	1/0	(2)	0/0	0/0	2/0	1/1	1/0	0/0	1/1	0/0	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	1/1	
Potassium chloride	KCl	007447-40-7	aqueous	Xi		1/1	1/1	1/0	1/0	1/0	1/0	1/1	1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	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	1/0	1/1	0/0	4/4	(1)	(1)	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	?		
Potassium hydrogentartrate	C ₄ H ₄ KO ₆	000868-14-4	saturated	Xi		1/1	1/1	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0	(4)	1/3	1/2	0/0	
Potassium hydroxide	KHO	001310-58-3	10 %	C+		1/1	1/1	1/0	4/4	4/4	0/0	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	4/4	3/3	0/0	4/4	1/1	1/1	1/1	1/1	
Potassium hydroxide	KHO	001310-58-3	30 %	C+		1/1	1/1	1/3	4/4	4/4	1/0	(3)	1/1	1/0	1/0	1/3	1/0	0/0	0/0	1/1	(2)	1/0	4/4	3/3	0/0	4/4	1/1	1/1	1/1	1/1	
Potassium hydroxide	KHO	001310-58-3																													

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
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	1/0	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	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1		
Potassium nitrate	KNO ₃	007757-79-1	aqueous	O, Xn	1/1	1/1	1/0	1/0	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1		
Potassium perchlorate	KClO ₄	007778-74-7	saturated	O, Xn	1/1	1/1	(1)	1/0	(1)	1/0	1/1	1/1	0/0	0/0	1/3	3/0	0/0	1/1	1/1	1/1	1/0	1/1	1/3	0/0	1/1	1/1	1/1	1/1		
Potassium perchlorate	KClO ₄	007778-74-7	aqueous	O, Xn	1/1	1/1	(1)	1/0	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1		
Potassium permanganate	KMnO ₄	007722-64-7	aqueous	O, Xn	0/0	0/0	4/4	1/0	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	hypermanganic potash	
Potassium permanganate	KMnO ₄	007722-64-7		O, Xn	1/3	1/1	4/4	1/0	(2)	1/1	1/1	1/1	1/3	0/0	1/3	0/0	1/3	1/1	1/1	1/1	1/0	1/1	4/4	0/0	1/1	1/1	1/1	1/1	hypermanganic potash	
Potassium persulphate	K ₂ (SO ₄) ₂	007727-21-1	any	O, Xn	1/1	1/1	4/4	1/0	0/0	1/0	(3)	1/1	1/0	0/0	1/3	1/0	1/1	0/0	(1)	1/1	1/1	1/0	1/1	4/4	0/0	4/4	1/0	1/0	1/1	
Potassium sulphate	K ₂ SO ₄	007778-80-5	aqueous	Xn	1/1	1/1	1/0	(1)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	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	
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	1/0	1/0	1/0	0/0	1/0	1/0	1/0	1/0	0/0	
Potassium thiosulphate	K ₂ S ₂ O ₃	010233-00-8	saturated	Xi	1/1	1/1	(1)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(1)	(1)	3/3	0/0	(1)	(1)			
Lime, burnt	-> see: Calcium oxide																													
Hydrated lime	-> see: Calcium hydroxide																													
Lime nitrate	-> see: Calcium nitrate																													
Lime water	-> see: Calcium hydroxide																													
Cardamom	—	—		?	0/0	0/0	(2)	(2)	(2)	0/0	(2)	(2)	4/4	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(1)	(2)	(1)	(2)	0/0	(1)	(1)	(1)		
Rubber (caoutchouc) dispersion	—	—		?	0/0	0/0	1/0	(2)	(2)	0/0	2/3	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	(3)	(1)	(2)	0/0	(3)	(1)	(1)	Latex	
Kerosene	—	008008-20-6		(Xn)	2/2	3/4	(1)	4/4	1/1	2/3	1/1	3/3	4/4	2/3	1/1	0/0	0/0	2/3	1/1	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1	0/0	Lamp oil, light petroleum
Pine needle oil	—	008023-99-2		?	0/0	0/0	1/0	(3)	0/0	(4)	(2)	1/1	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	1/0	1/0	0/0	1/1	(1)	(1)	0/0	Pinus sylvestris
Silicofluoric acid	H ₂ SiF ₆	016961-83-4	32 %	C	1/1	1/1	4/4	1/0	4/4	0/0	4/4	1/1	0/0	0/0	1/1	0/0	0/0	1/1	1/1	1/1	1/1	3/0	2/2	3/4	0/0	4/4	(2)	1/1	1/1	
Silicic acid	SiO ₂	001343-98-2	any	—	1/1	1/1	(1)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	(1)	1/1	1/1	1/1		
Silicic acid tetraethylester	-> see: Tetraethylorthosilicate																													
Bone oil	—	008001-85-2		—	0/0	0/0	(1)	(2)	1/0	0/0	(2)	1/1	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(1)	4/4	1/0	1/0	0/0	(1)	1/1	1/1		
Common salt	-> see: Sodium chloride																													
Carbon (substance) disulphide	-> see: Carbon disulphide																													
Carbon dioxide	CO ₂	000124-38-9	saturated	?	1/3	1/1	1/0	1/0	1/1	1/0	1/1	1/1	1/0	1/0	1/3	1/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	1/1	0/0	3/3	1/1	1/1	1/1	
Carbon dioxide, moist	CO ₂	000124-38-9	tech. pure	?	1/1	1/1	1/0	(1)	1/1	0/0	1/1	1/1	0/0	0/0	1/3	0/0	1/1	0/0	(1)	1/1	1/1	2/0	1/1	1/1	0/0	3/3	1/1	1/1	1/1	
Carbon dioxide, dry	CO ₂	000124-38-9	tech. pure	?	1/1	1/1	1/0	(1)	1/1	0/0	1/1	1/1	0/0	0/0	1/1	0/0	1/1	0/0	(1)	1/1	1/1	2/0	1/1	1/1	0/0	3/3	1/1	1/1	1/1	
Carbonic acid	-> see: Carbon dioxide																													
Carbonic acid dichloride	-> see: Phosgene																													
Carbon tetrabromide	-> see: Carbon tetrabromide																													
Carbon tetrachloride	-> see: Carbon tetrachloride																													
Coconut fat	—	—		—	0/0	0/0	1/0	(2)	1/0	0/0	(2)	(2)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/0	0/0	(1)	1/1	1/1		
Coconut oil alcohol	—	068425-37-6	tech. pure	(Xi)	1/0	0/0	(1)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	3/0	1/1	1/1	0/0	(1)	1/1	1/1		
Coconut oil	—	008001-31-8	tech. pure	—	1/3	1/3	1/0	(2)	1/0	0/0	(2)	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/1	1/1	0/0	(1)	1/1	1/1		
Aqua regia	HNO ₃ + HCl	008007-56-5		C	4/4	4/4	4/4	4/4	4/4	3/3	4/4	4/4	4/4	4/4	4/4	4/4	3/4	1/1	(2)	1/1	3/0	4/4	4/4	4/4	0/0	4/4	4/4	4/4	4/4	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	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	
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	
Carum	—	—	grinded	?	0/0	0/0	(2)	(2)	(1)	0/0	1/1	(2)	4/4	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(2)	(1)	(2)	0/0	4/4	(1)	(1)			
Kupfer-(I)-chlorid	CuCl	007758-89-6	aqueous	Xn	0/0	0/0	(3)	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/1	1/0	0/0	4/4	4/4	4/4	1/1	
Kupfer-(I)-cyanid	-> see: Copper cyanide																													
Kupfer-(II)-chlorid	CuCl ₂	007447-39-4	saturated	Xn	1/3	1/1	(3)	1/0	(2)																					

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	
Nitrous oxide	N ₂ O	010024-97-2		(O)		0/0	0/0	(2)	(2)	(1)	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(1)	2/0	1/0	1/0	0/0	1/1	(1)	(1)		Nitrous oxide, "nitrogen oxydul"	
Lactam		—		?		0/0	0/0	0/0	0/0	0/0	0/0	(2)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	4/4	4/4	4/4	0/0	(2)	(1)	(1)		cyclic carboxylic acid amides	
Lactobiosis	-> see: Lactose																															
Lactose	C ₁₂ H ₂₂ O ₁₁	000063-42-3	aqueous	—		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	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(1)	1/1	1/1	0/0			
Lanolin	—	008006-54-0	tech. pure	—		3/3	3/3	1/0	1/0	1/0	0/0	(2)	3/3	1/1	0/0	3/3	3/3	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/1	0/0	(1)	1/1	1/1	1/1		
Latex	—	—		?		0/0	0/0	1/0	(2)	(2)	0/0	1/1	1/1	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	(3)	(1)	(2)	0/0	(2)	(1)	(1)	1/1		Rubber dispersion	
Lauryl alcohol	C ₁₂ H ₂₆ O	000112-53-8	100 %	Xi		0/0	0/0	(2)	(2)	1/0	0/0	(2)	1/1	1/1	0/0	1/1	0/0	1/1	0/0	(1)	1/1	1/1	3/0	1/0	3/3	0/0	(1)	(1)	(1)	0/0		
Lauryl chloride	C ₁₂ H ₂₅ Cl	000112-52-7	100 %	(Xi)		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)	1/0	(1)	4/4	(1)	(3)	0/0	(3)	0/0	0/0			
Lavender oil	—	008000-28-0		(Xi)		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	1/0	3/0	0/0	(1)	(1)	(1)			
Cod liver oil	—	008001-69-2		—		1/3	1/3	(2)	1/0	(2)	0/0	(2)	1/3	1/1	0/0	1/0	0/0	1/1	0/0	(1)	1/1	1/1	3/0	1/0	1/0	0/0	1/0	(1)	(1)	1/1		
Glue (bone glue)	—	—	any	—		1/0	1/1	(1)	(1)	1/1	0/0	(2)	1/1	0/0	0/0	1/3	0/0	0/0	0/0	(1)	1/1	(1)	(1)	1/0	1/0	0/0	(3)	1/1	1/1	0/0		
Linseed oil	—	008001-26-1	tech. pure	—		1/1	1/3	1/0	1/0	1/0	1/0	1/1	1/1	1/1	0/0	1/3	1/0	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/1	0/0	(1)	1/1	1/1	1/1		
Lemongrass oil	—	008007-02-1		(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)	(3)	4/4	(3)	(4)	0/0	(1)	(1)	(1)			
Luminous gas, benzene-free	—	—		F+, T	X	1/0	1/0	1/0	1/0	(2)	1/0	(2)	1/0	0/0	1/0	1/0	0/0	0/0	0/0	(1)	1/0	1/0	4/4	1/0	3/0	0/0	1/1	1/1	1/1	0/0		
Ligroin	—	008032-32-4		F, Xn	X	0/0	0/0	(2)	1/0	(2)	(4)	(2)	(3)	3/3	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1			Light petrol
Liqueurs	—	—		—		1/0	0/0	(2)	1/0	1/0	0/0	(2)	1/0	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/1	1/1	1/0	1/0	1/1	0/0	(1)	1/1	1/1	1/1		
Limonene, DL-	C ₁₀ H ₁₆	000138-86-3		Xn	X	0/0	0/0	(1)	(3)	(2)	(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			
Lindane	-> see: Hexachlorocyclohexane																															
Lithium bromide	LiBr	007550-35-8		Xn		1/1	1/1	(3)	(2)	1/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(1)	1/0	1/0	1/0	0/0	(3)	0/0	0/0			
Laurel	—	—	grinded	?		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)	(1)	(2)	0/0	(1)	(1)	(1)				
Lysol	—	—		T		0/0	0/0	(4)	(3)	0/0	0/0	(3)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(3)	(3)	0/0	(3)	1/1	1/1			Disinfectant, cresol + soap
Magnesite	-> see: Magnesium carbonate																															
Magnesium bromide	MgBr ₂	007789-48-2		Xi		1/1	1/1	(2)	(2)	(1)	0/0	1/1	1/1	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	(1)	(2)	0/0	(3)	0/0	0/0			
Magnesium carbonate	MgCO ₃	000546-93-0	saturated	—		1/1	1/1	1/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
Magnesium chloride	MgCl ₂	007786-30-3	aqueous	Xi		1/1	1/1	1/0	1/0	1/0	1/0	1/0	1/2	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/1	1/0L	1/0L	1/1		
Magnesium chlorite	Mg(ClO ₂) ₂	??		O		0/0	0/0	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	1/1	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		
Magnesium hydroxide	Mg(HO) ₂	001309-42-8	saturated	—		1/1	1/1	1/0	(2)	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	2/0	1/1	1/1	1/1	1/1	1/1	0/0		
Magnesium iodide	MgI ₂	010377-58-9		(Xn)		1/1	1/1	(2)	(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)	1/1	(1)	(2)	0/0	(2)	0/0	0/0			
Magnesium nitrate	Mg(NO ₃) ₂	010377-60-3	saturated	O, Xi		1/1	1/1	1/0	(2)	(1)	1/0	1/1	1/1	1/0	0/0	1/1	1/0	0/0	1/1	1/1	1/1	1/1	1/1	(1)	(2)	0/0	1/0	1/0	1/0	1/1		
Magnesium sulphate	MgSO ₄	007487-88-9	any	—		1/1	1/1	1/0	1/0	1/0	1/0	1/0	1/1	1/1	1/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	2/0	0/0	1/1	1/1	1/1	1/1		
Magnesium sulphate heptahydrate	-> see: Epsom salt																															
Maize germ oil	—	008001-30-7	tech. pure	—		1/3	0/0	(2)	(1)	1/0	0/0	(2)	1/3	1/1	0/0	3/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	1/1	1/0	0/0	(1)	1/1	1/1	1/1		Maize oil
Maleic acid	C ₄ H ₄ O ₄	000110-16-7	saturated	Xn		1/1	1/1	4/4	(3)	0/0	0/0	(3)	1/1	0/0	0/0	1/3	1/0	0/0	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	1/1	1/1	1/1	1/1		
Maleic acid	C ₄ H ₄ O ₄	000110-16-7	aqueous	Xn		1/1	1/1	4/4	(3)	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	1/1	1/1	1/0	0/0	1/1	1/1	1/1	1/1		
Malonic ester	-> see: Diethylmalonate																															
Malonic acid diethyl ester	-> see: Diethylmalonate																															
Almond oil	—	008007-69-0		—		0/0	0/0	(2)	(1)	1/0	0/0	(2)	(2)	3/4	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	(1)	(2)	0/0	(1)	1/1	1/1			
Margarine	—	—		—		0/0	0/0	(2)	1/0	1/0	0/0	(2)	1/1	1/0	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	(1)	1/1	1/1			
Marmalade	—	—		—		1/1	1/1	(1)	1/1	1/1	0/0	(2)	1/1	1/1	0/0	1/3	0/0	1/1	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0	(2)	1/1	1/1	1/1		1/1
Machine oil	—	—	100 %	?		0/0	1/4	(1)	(2)	1/0	0/0	1/1	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	1/0	1/0	0/0	1/1	1/1	1/1			
Matrium metabisulphite	-> see: Sodium disulphite																															
Matrium pyrochromate	-> see: Sodium dichromate																															
Marine water	-> see: Salt water, seawater																															

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

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics				Elastomers				Metals				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	1/0	1/0	1/1	0/0	1/1	1/0	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	1/0	1/0	1/3	0/0	1/3	(2)	1/1	1/1	1/1			
Sodium bisulphite	NaHSO ₃	007631-90-5	aqueous	Xn		1/1	1/1	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	1/0	1/0	1/0	0/0	1/0	1/1	1/1	1/1	1/1		

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

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics										Fluoroplastics				Elastomers				Metals				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	000062-44-2		Xn		0/0	0/0	0/0	0/0	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	1/1	0/0	(1)	(1)	1/1	(1)	(2)	(2)	0/0	(2)	(1)	(1)	
Phenetole	-> see: Phenylethylether								</																					

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	Thermoplastics											Fluoroplastics				Elastomers				Metals				Hastelloy C	REMARK	
					FLAMMABLE	HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FPM / FKM	NBR	SI	AL			V2A
Phenyl-2-propenal, trans-3-	-> see: Cinnamaldehyde																													
Phenylamine	-> see: Aniline																													
Phenylaniline, N-	-> see: Diphenylamine																													
Phenyl bromide	-> see: Bromobenzene																													
Phenylcarbinol	-> see: Benzyl alcohol																													
Phenyl chloride	-> see: Chlorobenzene																													
Phenylethanol	C ₈ H ₁₀ O	000060-12-8		Xn		0/0	0/0	3/0	4/4	0/0	0/0	(2)	1/0	0/0	0/0	0/0	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 O	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 O	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 ₁₀	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	
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																													

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	—	?	FLAMMABLE	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	0/0	1/0	0/0	(1)	(1)	(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	0/0	(1)	0/0	4/4	1/0	4/4	0/0	0/0	(1)	(1)		Base phosphoric acid ester; Monsanto	
Pydraul E (29, 30, 50, 65, 90, 11)	—	—	—	(Xn)		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	0/0	1/0	1/0	4/4	0/0	0/0	(1)	(1)		Base phosphoric acid ester; Monsanto	
Pyridine	C ₅ H ₅ N	000110-86-1	—	F, Xn	X	1/3	0/2	1/0	4/4	0/0	0/2	1/1	3/3	4/4	4/4	4/4	4/4	1/1	(2)	1/1	1/3	4/4	4/4	4/4	0/0	1/1	1/1	1/1	0/0			
Pyridine-3-carboxylic acid	-> see: Nicotinic acid																															
Pyrogallol	C ₆ H ₆ O ₃	000087-66-1	—	Xn		0/0	0/0	1/0	(3)	0/0	0/0	3/4	1/0	3/0	0/0	0/0	0/0	1/3	0/0	(1)	(1)	1/1	(3)	(3)	(3)	0/0	1/1	1/1	1/1	1/1		
Pyrosulphite	-> see: Sodium disulphite																															
Pyrrrole	C ₄ H ₅ N	000109-97-7	—	Xn	X	0/0	0/0	(3)	(4)	0/0	0/0	(2)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	4/4	4/4	4/4	0/0	(1)	(1)	(1)			
Mercury	Hg	007439-97-6	pure	T		1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	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			

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	0/0	(1)	1/1	1/1	1/0	1/0	1/3	0/0	(1)	1/1	1/1		
Rum flavouring	—	008030-89-5	—	?		0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	4/4	0/0	0/0	0/0	1/0	0/0	(1)	(1)	(3)	(3)	(4)	(3)	0/0	(1)	(1)	(1)		
Sagrotan	—	—	liquid	?		1/2	1/3	0/0	3/0	0/0	0/0	(3)	1/3	3/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	1/0	3/0	0/0	(2)	(1)	(1)		Disinfectants; Schülke & Mayr
Salicylaldehyde	C ₇ H ₆ O ₂	000090-02-8	—	Xn, Xi		1/1	1/2	(3)	2/3	0/0	1/2	(3)	1/2	4/4	3/3	3/4	0/0	0/4	1/1	(1)	(3)	(3)	(3)	4/4	0/0	(2)	(1)	(1)			
Salicylic acid	C ₇ H ₆ O ₃	000069-72-7	saturated	(Xn, Xi)		1/1	1/1	1/0	1/2	1/0	1/1	4/4	1/1	1/2	1/1	2/3	0/0	1/1	1/1	1/1	1/0	1/1	1/0	1/0	3/3	0/0	1/0	1/0	1/0	1/1	
Salicylic acid	C ₇ H ₆ O ₃	000069-72-7	Powder	Xn, Xi		1/1	1/1	1/0	1/2	(1)	1/2	(3)	1/1	1/1	1/1	2/3	0/0	0/0	1/1	1/1	1/0	1/1	1/0	1/0	3/3	0/0	1/0	1/0	1/0	1/1	
Salicylic acid methyl ester	-> see: Methyl salicylate																														
Salammoniac	-> see: Ammonium chloride																														
Ammonia solution	-> see: Ammonium hydroxide																														
Nitric acid	HNO ₃	007697-37-2	1-10 %	C		1/1	1/1	4/4	1/2	(2)	1/1	4/4	1/1	2/4	1/3	1/2	0/0	1/3	1/1	1/1	1/1	1/1	2/0	1/1	4/4	0/0	3/4	1/1	1/1	1/1	
Nitric acid	HNO ₃	007697-37-2	50 %	C+		2/4	3/4	4/4	4/4	(2)	2/4	4/4	3/4	4/4	2/3	2/3	0/0	0/3	1/1	1/1	1/1	1/1	1/1	4/4	1/0	4/4	0/0	4/4	1/2	1/2	1/2
Nitric acid	HNO ₃	007697-37-2	66 %	C+		2/4	3/4	4/4	4/4	(4)	2/3	4/4	4/4	4/4	4/4	3/4	0/0	0/0	1/1	1/1	1/1	1/1	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	1/1	0/0	3/4	1/3L	1/2L	1/1	
Saturated steam condensate	—	—	—	?		0/0	0/0	(2)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	(2)	(2)	(2)	(2)	0/0	(2)	1/1	1/1		
Oxygen	O ₂	007782-44-7	tech. pure	O		1/3	1/3	2/0	1/0	(1)	0/0	1/0	1/3	1/0	0/0	1/1	1/0	0/0	0/0	1/1	1/1	1/1	1/0	1/0	3/3	0/0	(2)	(1)	(1)	0/0	
Lubricating oils	—	—	—	?		1/3	2/3	(2-3)	(1)	(2)	0/0	(2)	3/0	0/0	0/0	1/1	1/3	0/0	0/0	(1)	1/1	1/1	4/4	1/1	1/0	0/0	1/1	1/1	1/1	0/0	
Lubricating soap	—	—	diluted	?		1/3	1/1	(2-3)	(2)	(1)	0/0	1/1	1/1	0/0	0/0	1/3	0/0	0/0	0/0	1/1	1/1	(1)	(2)	(1)	1/1	0/0	(2)	(1)	(1)	0/0	
Sulphur	S ₈	007704-34-9	tech. pure	Xi		1/1	1/1	1/0	1/0	(2)	0/0	1/0	1/1	1/1	0/0	3/0	3/4	1/1	0/0	(1)	1/1	1/1	3/0	1/1	4/4	0/0	(1)	1/1	1/1	1/1	Sulphur, net sulphur, sulphur bloom
Sulphur, melted, 121 °C	S ₈	007704-34-9	—	?		0	0	(4)	(3)	0	4	4	4	4	0	0	0	4	0	0	(1)	0	4	1	4	0	(3)	1	1	0/0	
Sulphur chloride	S ₂ Cl ₂	010025-67-9	—	C		0/0	0/0	4/4	(3)	0/0	0/0	4/4	4/4	0/0	0/0	0/0	0/0	0/0	0/0	1/0	1/1	1/0	4/4	1/0	4/4	0/0	3/4	(1/1L) ¹⁾	(1/1L) ¹⁾	0/0	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.
Sulphur dioxide	SO ₂	007446-09-5	moist	T, C		1/1	1/1	(3)	(3)	0/0	1/1	4/4	1/3	3/4	2/2	1/2	0/0	0/0	1/1	1/1	1/1	1/4	1/0	4/4	4/4	0/0	3/4	1/1	1/1	1/0	with H2O -> Sulphurous acid
Sulphur dioxide	SO ₂	007446-09-5	liquid	T, C		3/4	4/4	(3)	3/4	0/0	4/4	4/4	4/4	4/4	2/2	3/4	0/0	0/0	1/2	1/1	1/1	4/4	1/0	4/4	4/4	0/0	(3)	(1)	(1)	1/0	with H2O -> Sulphurous acid
Sulphur dioxide, aqueous solution	-> see: Sulphurous acid																														
Sulphur ether	-> see: Ethyl ether																														
Sulphur hexafluorod	SF ₆	002551-62-4	—	—		0/0	0/0	1/0	(2)	1/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	1/0	0/0	0/0	(1)	(2)	1/0	3/0	1/0	0/0	(1)	(1)	(1)		
Carbon disulfide	CS ₂	000075-15-0	—	F+, T	X	4/4	4/4	3/0	4/4	0/0	4/4	2/0	4/4	4/4	4/4	4/4	4/4	4/4	1/3	1/1	1/0	1/1	4/4	1/0	4/4	0/0	1/1	1/1	1/1	1/0	
Sulphur monochloride	-> see: Sulphur chloride																														
Sulphur sodium	-> see: Sodium sulphide																														
Sulphuric acid	H ₂ SO ₄	007664-93-9	40 %	C+		1/1	1/1	4/4	2/0	(4)	1/2	4/4	1/1	2/0	3/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	(3)	1/1	4/4	0/0	3/4	2/3	2/3	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	60 %	C+		1/3	1/3	4/4	3/3	(4)	1/2	4/4	1/3	2/4	1/1	1/2	0/0	0/0	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	4/4	4/4	3/4	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	80 %	C+		1/1	1/1	4/4	3/4	4/4	1/2	4/4	1/1	3/4	3/0	1/1	1/3	0/0	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	4/4	2/4	2/3	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	95 %	C+		3/4	3/4	4/4	4/4	4/4	2/2	4/4	3/4	4/4	4/4	2/4	0/0	4/4	1/1	1/1	1/1	1/1	4/4	1/1	4/4	0/0	4/4	1/3	1/3	0/0	
Sulphuric acid	H ₂ SO ₄	007664-93-9	fuming	C+		4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/0	(1)	1/0	4/4	4/4	1/0	4/4	0/0	(3)	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
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	1/0	1/1	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	0/0	1/1	(1)	(1)	(1)	(1)	(3)	0/0	(4)	0/0	0/0	0/0	
Silver nitrate	AgNO ₃	007761-88-8	aqueous	C		1/1	0/0	1/0	1/1	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	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	0/0	1/1	(1)	(1)	1/0	1/0	1/1	0/0	1/1	1/1	1/1		
Silicone oil	—	—		?		1/1	1/1	1/0	1/0	1/0	1/1	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	
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	0/0	1/1	(1)	0/0	1/0	4/4	4/4	0/0	0/0	(1)	(1)		
Skydrol 7000	—	—		(Xn)		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	0/0	1/0	2/0	4/4	0/0	0/0	(1)	(1)			
Soda	-> see: Sodium carbonate																														
Soya oil	—	008001-22-7		—		0/0	0/0	(2)	(1)	1/0	0/0	2/0	1/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	4/4	1/1	1/0	0/0	(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	(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	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1	0/0	Ethanol 40 %	
Spirit	C ₂ H ₆ O	—		F	X	1/0	1/3	1/0	1/3	1/1	1/2	1/2	1/1	3/4	1/2	1/3	3/0	1/3	1/1	1/1	1/1	1/1	1/0	3/0	3/3	0/0	1/1	1/1	1/1	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	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	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	0/0	1/1	1/1	1/1	0/0		
Stauffer's grease	—	—		(—)		0/0	0/0	(2)	(2)	(1)	0/0	(1)	(2)	1/4	0/0	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(1)	4/4	(1)	(2)	0/0	(1)	1/1	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		
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	0/0	1/1	1/1	1/1	1/1	1/1	1/0	0/0	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		
Strychnine	C ₂₁ H ₂₂ N ₂ O ₂	000057-24-9		T+		1/1	1/1	(1)	(1)	(2)	0/0	(2)	(1)	1/1	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(2)	(2)	0/0	(2)	(1)	(1)			
Styrene	C ₈ H ₈	000100-42-5	100 %	Xn, Xi	X	4/4	3/4	1/1	4/4	1/1	(4)	1/1	3/4	0/0	0/0	4/4	4/4	0/0	0/0	1/0	1/1	(2)	4/4	3/0	4/4	0/0	1/1	1/1	1/1	0/0	
Sulphite lye	-> see: Calcium bisulphite																														
Sulphuryl chloride	Cl ₂ SO ₂	007791-25-5	tech. pure	C		4/4	4/4	4/4	1/0	0/0	0/0	4/4	4/4	0/0	0/0	4/4	4/4	0/0	0/0	0/0	1/0	3/0	3/0	1/0	4/4	0/0	3/4	0/0	0/0		
Tallow	—	—	tech. pure	—		1/1	1/1	1/0	(1)	1/0	0/0	1/0	1/1	0/0	0/0	1/1	1/0	0/0	0/0	(1)	1/1	1/1	3/0	1/1	1/1	0/0	(1)	1/1	1/1	0/0	
Tannin	C ₇₆ H ₅₂ O ₄₆	001401-55-4	10 %	Xi		1/1	1/1	1/0	3/3	0/0	1/1	4/4	1/1	3/3	0/0	1/1	0/0	0/0	(1)	1/1	1/1	3/0	1/1	3/3	0/0	1/0	1/1	1/1	1/1	1/1	
Tannin	C ₇₆ H ₅₂ O ₄₆	001401-55-4		Xi		1/1	1/1	1/0	4/4	0/0	0/0	4/4	1/1	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	1/1	3/0	1/1	3/3	0/0	1/0	1/1	1/1	1/1	
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																														
Turpentine substitute	—	—		Xn, N	X	0/0	0/0	1/0	(3)	1/0	(4)	1/0	(3)	4/4	0/0	0/0	0/0	1/3	0/0	(1)	1/1	(1)	4/4	1/1							

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	
Tetrachloroethane	C ₂ H ₂ Cl ₄	—	tech. pure	T+		3/0	3/4	3/0	4/4	(4)	(4)	1/1	3/4	4/4	0/0	4/4	4/4	4/4	0/0	1/0	1/1	1/3	4/4	4/4	4/4	0/0	(3)	0/0	0/0	0/0	Isomer not specified in the source
Tetrachloroethene	-> see: Perchloroethylene																														
Tetrachloroethylene	-> see: Perchloroethylene																														
Carbon tetrachloride (TETRA)	CCl ₄	000056-23-5		T		4/4	4/4	4/4	4/4	1/4	4/4	2/3	4/4	4/4	4/4	4/4	4/4	1/1	1/1	1/1	1/3	4/4	1/1	4/4	0/0	4/4	(1/1L) ¹⁾	(1/1L) ¹⁾	1/1	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.	
Methane tetrachloride	-> see: Carbon tetrachloride																														
Tetrachlorotitanium	-> see: Titanium tetrachloride																														
Tetraethyl lead (TEL)	C ₈ H ₂₀ Pb	000078-00-2	techn. rein	T+	X	1/0	1/0	1/4	3/0	(2)	(4)	(2)	2/4	0/0	0/0	1/0	0/0	0/0	0/0	(1)	1/0	1/1	4/4	1/0	3/0	0/0	(2)	(1)	(1)	1/1	
Tetraethylorthosilicate	C ₈ H ₂₀ SiO ₄	000078-10-4		Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	(3)	(3)	1/0	0/0	(1)	(1)	(1)		
Tetrafluoromethane	CF ₄	000075-73-0		?		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(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	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	(1)	1/1	(3)	(3)	(3)	(4)	0/0	3/4	0/0	1/1	0/0		
Thionyl chloride	Cl ₂ SO	007719-09-7	tech. pure	C		4/4	4/4	4/4	4/4	0/0	4/4	2/0	4/4	4/4	4/4	4/4	4/4	1/1	1/1	1/0	(3)	3/0	1/0	4/4	0/0	3/4	0/0	0/0	0/0		
Thiophene	C ₂ H ₄ S	000110-02-1		F, Xn	X	3/3	3/3	(2)	4/4	0/0	(4)	(2)	3/4	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	4/4	4/4	3/0	0/0	(1)	(1)	(1)	0/0	
Thymol	C ₁₀ H ₁₄ O	000089-83-8		C, Xn		0/0	0/0	(3)	(3)	0/0	0/0	(3)	(3)	3/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	(4)	1/0	4/4	0/0	(1)	(1)	(1)		
Titanium chloride	-> see: Titanium tetrachloride																														
Titanium tetrachloride	TiCl ₄	007550-45-0		C		0/0	0/0	4/4	(3)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	4/4	(3)	4/4	0/0	(4)	0/0	0/0		
Toluene	-> see: Methylbenzene																														
Toluol	-> see: Methylbenzene																														
Toluenesulphone chloramide sodium, p-	-> see: Chloramine T																														
Tragacanth	—	009000-65-1		—		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	(1)	1/1	1/1			
Transformer oil	—	—		?		1/3	3/3	1/0	(3)	1/1	1/0	3/3	1/3	1/3	1/0	1/0	0/0	1/3	0/0	(1)	1/1	(3)	4/4	2/3	3/3	0/0	1/1	(1)	(1)	0/0	
Grape sugar	-> see: Glucose																														
Triacetin	C ₉ H ₁₄ O ₆	000102-76-1		Xn		0/0	0/0	0/0	(3)	0/0	0/0	(2)	(2)	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	1/0	4/4	3/3	0/0	(1)	(1)	(1)			
Tribromomethane	-> see: Bromoform																														
Tributyl citrate	C ₁₈ H ₃₂ O ₇	000077-94-1		—		1/2	2/3	(2)	4/4	0/0	2/3	(2)	2/3	4/4	3/3	3/4	0/0	0/0	1/2	1/1	(1)	(2)	(3)	(3)	(3)	0/0	(1)	(1)	(1)		
Tributyl phosphate (TBP)	C ₁₂ H ₂₇ PO ₄	000126-73-8	tech. pure	Xn		1/1	1/1	1/0	(3)	0/0	0/0	(2)	1/3	0/0	0/0	4/4	4/4	0/0	0/0	(1)	1/1	1/0	3/0	4/4	4/4	0/0	(1)	(1)	(1)	1/1	
Trichloroacetaldehyde	C ₂ HCl ₃ O	000075-87-6	100 %	T/Xi		1/1	1/1	4/4	(3)	(4)	0/0	(3)	1/1	0/0	0/0	4/4	4/4	0/0	0/0	(1)	0/0	(4)	3/0	(4)	4/4	0/0	4/4	0/0	0/0	0/0	
Trichloroacetaldehyde hydrate	-> see: Chloral hydrate																														
Trichloraldehyde hydrate	-> see: Chloral hydrate																														
Trichlorobenzene	C ₆ H ₃ Cl ₃	—	100 %	(Xn)		4/4	4/4	(3)	(3)	0/0	(4)	(2)	4/4	4/4	0/0	4/4	4/4	4/4	0/0	(1)	(2)	(3)	(4)	(3)	4/4	0/0	(2)	0/0	0/0	0/0	Isomer not specified in the source
Trichloroacetic acid (TCA)	C ₂ HCl ₃ O ₂	000076-03-9		C+		1/4	3/4	4/4	4/4	4/4	0/0	4/4	1/1	4/4	0/0	4/4	4/4	0/0	0/0	1/0	1/1	1/4	3/0	4/4	4/4	0/0	1/3	3/0L	2/0L	1/1	
Trichloroethane	C ₂ H ₃ Cl ₃	—		Xn		3/4	4/4	3/0	4/4	4/4	4/4	(2)	4/4	4/4	4/4	4/4	4/4	4/4	1/2	1/1	(1)	1/3	4/4	1/0	4/4	0/0	4/4	0/0	0/0	0/0	Isomer not specified in the source
Trichloroethene	-> see: Trichloroethylene																														
Trichloroethylene (TRI)	C ₂ HCl ₃	000079-01-6	100 %	Xn		3/4	4/4	3/0	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	0/4	1/2	1/1	1/0	1/1	4/4	1/3	4/4	0/0	1/3	(1/1L) ¹⁾	(1/1L) ¹⁾	1/0	¹⁾ Water-free! If even traces of hydrochloric acid (HCl) are split off by moisture, there is a risk of pitting, crevice and stress corrosion cracking.
Trichlorofluoromethane	CCl ₃ F	000075-69-4		N		0/0	0/0	1/0	(3)	0/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(3)	(1)	0/0	4/4	2/0	1/0	0/0	(3)	0/0	0/0	0/0	
Trichloromethane	-> siehe: Chloroform																														
Trichloromonofluoromethane	-> siehe: Trichlorfluormethan																														

MEDIUM	FORMULA	CAS NO.	CONCENTRATION	HAZARD INFORMATION	FLAMMABLE	Thermoplastics														Fluoroplastics				Elastomers				Metals				REMARK
						HDPE	LDPE	PA	PC	PETG	PMP	POM	PP	PS	PSU	PVC HARD	PVC SOFT	SAN	ECTFE / ETFE	FEP	PTFE	PVDF	EPDM	FKM / FKM	NBR	SI	AL	V2A	V4A	Hastelloy C		
Trichlorophenol	C ₆ H ₃ Cl ₃ O	—		(Xn, Xi)		0/0	0/0	(3)	(4)	0/0	0/0	(3)	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(3)	(4)	(3)	(4)	0/0	(3)	0/0	0/0		Isomer not specified in the source	
Trichlorophosphine	-> see: Phosphorus trichloride																															
Trichlorophosphine oxide	-> see: Phosphorus oxychloride																															
Trichlorophosphorus oxide	-> see: Phosphorus oxychloride																															
Trichlorotrifluoroethane	C ₂ Cl ₃ F ₃	000076-13-1		?		0/0	0/0	1/0	(3)	1/0	0/0	1/0	(3)	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/0	4/4	3/0	1/0	0/0	(3)	0/0	0/0				
Triethanolamine (TEA)	C ₆ H ₁₅ NO ₃	000102-71-6	tech. pure	Xi		1/1	1/2	(2)	(2)	1/0	0/0	2/2	1/1	1/1	0/0	3/0	4/4	1/1	0/0	1/1	1/0	1/0	2/0	4/4	4/4	0/0	(1)	(1)	(1)	0/0		
Triethylamine (TEA)	C ₆ H ₁₅ N	000121-44-8	tech. pure	F, C, Xn	X	0/0	0/0	(2)	(3)	0/0	0/0	1/1	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	3/4	4/4	3/0	3/4	0/0	(1)	(1)	(1)	0/0			
Triethylene glycol	-> see: Triglycol																															
Triethylene glycol diacetate	-> see: Triglycol acetate																															
Trifluorotrichloroethane	C ₂ Cl ₃ F ₃	—	100 %	?		4/4	3/4	1/0	3/0	0/0	0/0	1/0	4/4	4/4	1/0	3/4	4/4	3/3	0/0	0/0	(1)	1/0	4/4	3/0	1/0	0/0	(3)	0/0	0/0		Isomer not specified in the source	
Triglycol	C ₆ H ₁₄ O ₄	000112-27-6		Xi		1/1	1/1	(3)	1/2	0/0	1/1	1/0	1/1	1/2	1/1	2/3	0/0	1/1	1/1	1/1	(1)	(2)	(2)	(1)	(3)	0/0	(1)	(1)	(1)	0/0		
Triglycol acetate	C ₁₀ H ₁₈ O ₆	000111-21-7		?		0/0	0/0	(3)	(3)	0/0	0/0	1/0	(2)	0/0	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(3)	(3)	(4)	(4)	0/0	(1)	(1)	(1)			
Trihydroxybenzoic acid, 3,4,5-	-> see: Gallic acid																															
Trihydroxybenzene, 1,2,3-	-> see: Pyrogallol																															
Trihydroxybutane	-> see: Butanetriol																															
Trihydroxypurine, 2,6,8-	-> see: Uric acid																															
Trihydroxytriethylamine	-> see: Triethanolamine																															
Triiodomethane	-> see: Iodoform																															
Triisopropylbenzene	C ₁₅ H ₂₄	000717-74-8		—		0/0	0/0	(2)	(3)	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	0/0	0/0	(1)	(1)	(2)	4/4	1/0	1/0	0/0	1/1	(1)	(1)			
Tricresyl phosphate (TCF)	C ₂₁ H ₂₁ PO ₄	—	tech. pure	T/Xn, N		1/1	1/1	1/0	4/4	1/0	0/0	1/0	1/3	4/4	0/0	4/4	4/4	4/4	0/0	(1)	1/1	(3)	3/0	3/4	4/4	0/0	1/1	1/1	1/1	1/1	Isomer not specified in the source	
Trimethylbenzene, 1,3,4-	-> see: Pseudocumene																															
Trimethylolpropane	C ₆ H ₁₄ O ₃	000077-99-6	aqueous	—		0/0	0/0	(2)	(2)	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	(1)	(1)	(2)	(2)	0/0	(1)	(1)	(1)			
Trimethylpentane, 2,2,4-	-> see: Iso-octan																															
Trisodium phosphate	Na ₃ PO ₄	007601-54-9		Xi		1/1	1/1	1/0	(2)	(2)	0/0	1/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	(4)	1/1	1/1			
Trisodium phosphate, tribasic	-> see: Sodium phosphate																															
Trinitrophenol, 2,4,6-	-> see: Picric acid																															
Trioctyl phosphate	C ₂₄ H ₅₄ PO ₄	000078-42-2	tech. pure	(Xn)		3/0	1/0	1/0	(3)	0/0	0/0	(2)	1/3	0/0	0/0	4/4	0/0	0/0	0/0	(1)	1/1	(3)	3/0	3/4	4/4	0/0	(1)	(1)	(1)	0/0		
Triphen	-> see: Hexachlorobutadiene																															
Tripropylene glycol (TPG)	C ₉ H ₂₀ O ₄	024800-44-0		(—)		1/1	1/1	(3)	1/2	0/0	1/1	1/0	1/1	1/1	1/1	2/3	0/0	0/0	1/1	1/1	1/1	(2)	(3)	(2)	(3)	0/0	(1)	(1)	(1)			
Tris(2-ethylhexyl) phosphate	-> see: Trioctyl phosphate																															
Tris(hydroxyethyl)-amine	-> see: Triethanolamine																															
Tris(hydroxymethyl)propane	-> see: Trimethylolpropane																															
Tropic acid tropylester sulphate	-> see: Atropine sulphate																															
Tung oil	-> see: Wood oil																															
Turbine oil (mineral oil base)	—	—		?		0/0	0/0	(1)	(2)	1/0	0/0	(2)	1/3	0/0	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	4/4	(2)	1/0	0/0	1/1	1/1	1/1			
Superchloric acid	-> see: Perchloric acid																															
Undecanol	-> see: Undecyl alcohol																															
Undecyl alcohol	C ₁₁ H ₂₄ O	000112-42-5		Xi		1/2	1/3	(1)	2/3	(1)	1/2	1/0	1/2	2/2	3/3	1/3	0/0	1/1	1/2	1/1	1/1	(1)	(3)	(1)	(2)	0/0	(1)	(1)	(1)			
Urine	—	—		—		1/1	1/1	1/0	1/0	1/0	0/0	1/1	1/1	3/0	0/0	1/3	1/0	0/0	1/1	1/1	1/1	1/1	1/0	1/0	1/1	0/0	(2)	1/1	1/1	1/1		
Urotropine	-> see: Hexamethylenetetramine																															
Vaseline	—	008009-03-8	tech. pure	(—)		3/4	2/3	1/0	1/0	1/0	0/0		1/3	1/1	0/0	3/0	0/0	1/1	0/0	(1)	1/1	1/1	3/0	1/1	1/1	0/0	1/1	1/1	1/1	1/1		
Vaseline oil	—	008012-95-1	100 %	?		0/0	1/3	1/0	(2)	1/0	1/0		1/3	1/0	1/0	3/0	0/0	0/0	(1)	(1)	(1)	3/0	1/0	1/0	0/0	1/1	1/1	1/1	1/1	1/1		
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	1/1	0/0	1/1	1/1	1/1	1/1			
Water, distilled ~	H ₂ O	007732-18-5	—	—	—	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	1/0	1/3	1/3	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	1/1			
Water glass	Na ₂ Si ₂ O ₇	001344-09-8	saturated	C, Xn	—	1/1	1/1	1/0	1/0	1/0	0/0	0/0	1/1	1/1	0/0	1/3	1/4	1/1	0/0	1/1	1/1	1/3	1/0	1/1	1/1	0/0	1/1	1/1	1/1	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	(1)	(1)	(2)	(3)	(2)	4/4	0/0	(3)	(1)	(1)	?				
Hydrogen peroxide	H ₂ O ₂	007722-84-1	90 %	O, C	—	1/1	1/2	4/4	1/1	0/0	1/2	4/4	1/3	1/2	1/1	1/2	0/0	0/0	1/1	1/1	1/1	1/0	3/0	1/3	4/4	0/0	(3)	1/1	1/1	?		
Hydrogen peroxide	H ₂ O ₂	007722-84-1	3 %	Xi	—	1/1	1/1	(3)	1/1	1/0	1/1	1/0	1/1	1/2	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/0	1/0	3/4	0/0	(3)	1/1	1/1	1/1			
Oxygenated water	-> see: Hydrogen peroxide																															
Plasticiser	—	—	?	?	?	1/3	1/3	(2)	(3)	0/0	0/0	(2)	1/3	0/0	0/0	0/0	3/3	0/0	(1)	(1)	0/0	(2-3)	0/0	4/4	0/0	(1)	(1)	(1)				
Wines	—	—	—	—	—	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	1/0	1/1	1/1	0/0	0/0	1/1	1/1	1/1	1/0	1/0	1/0	0/0	(4)	1/1	1/1	1/1			
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	1/1	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	(3)	1/1	0/0	1/1	0/0	0/0	0/0	1/1	1/1	1/1	3/0	1/1	1/1	0/0	(4)	1/3	1/2	1/1			
Tartaric acid	C ₄ H ₆ O ₆	000087-69-4	—	Xi	—	1/1	1/1	4/4	1/2	0/0	1/1	(3)	1/1	2/2	1/1	1/2	1/3	1/1	1/1	1/1	1/1	3/0	1/1	1/1	0/0	(4)	1/3	1/2	1/1			
Cream of tartar	-> see: Potassium 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	1/1	1/1	1/1	1/0	1/0	1/1	0/0	1/1	1/1	1/1	1/1	Whisky, Scotch, Bourbon		
White spirit	—	008042-47-5	—	Xn	—	1/0	1/0	(1)	(3)	1/0	(4)	1/0	1/3	0/0	0/0	1/0	0/0	0/0	(1)	1/1	(2)	4/4	1/0	(2)	0/0	1/1	1/1	1/1				
Wool grease	-> see: Lanolin																															
Xenon	Xe	007440-63-3	—	—	—	0/0	0/0	1/0	(1)	1/1	0/0	1/1	(2)	0/0	0/0	0/0	0/0	0/0	(1)	1/1	1/1	1/1	1/0	1/0	0/0	1/1	1/1	1/1				
Xylol	-> see: Xylene																															
Xylene	C ₈ H ₁₀	001330-20-7	—	(F), Xn	X	3/4	3/4	1/0	4/4	0/0	3/4	1/2	4/4	4/4	4/4	4/4	4/4	4/4	1/2	1/1	1/0	1/3	4/4	1/3	4/4	0/0	1/1	1/1	1/1	1/1		
Cedar oil	—	008000-27-9	?	?	?	3/4	4/4	(2)	2/3	0/0	4/4	(2)	4/4	4/4	3/3	3/4	0/0	0/0	1/2	1/1	(1)	(2)	(4)	(2)	(3)	0/0	(1)	(1)	(1)			
Cinnamon	—	—	grinded	?	?	0/0	0/0	(2)	1/0	(2)	0/0	(2)	2/0	0/0	0/0	0/0	0/0	1/1	0/0	(1)	(1)	(1)	(2)	(2)	(2)	0/0	(1)	(1)	(1)			
Cinnamaldehyde	C ₉ H ₈ O	000104-55-2	—	Xn, Xi	—	0/0	0/0	(2)	(3)	0/0	(4)	(2)	(3)	4/4	0/0	0/0	0/0	4/4	0/0	(1)	(1)	(2)	1/0	1/0	4/4	0/0	(1)	(1)	(1)			
Cinnamon oil	—	008007-80-5	—	Xn, Xi	—	3/4	4/4	(2)	2/3	0/0	4/4	(2)	4/4	4/4	3/3	4/4	0/0	0/0	1/2	1/1	(1)	(2)	(3)	(3)	4/4	0/0	(1)	(1)	(1)			
Zinc acetate	C ₄ H ₇ ZnO ₄	000557-34-6	aqueous	Xn, Xi	—	1/1	1/1	(2)	(2)	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	(3)	3/3	0/0	(3)	(1)	(1)				
Zinc bromide	ZnBr ₂	007699-45-8	—	C, Xn	—	1/1	1/1	4/4	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	1/1	0/0	1/1	1/1	(1)	(2)	(1)	(2)	0/0	(3)	0/0	0/0			
Zinc carbonate	ZnCO ₃	003486-35-9	saturated	?	?	1/1	1/1	(1)	1/1	1/1	0/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0	No chemical effect expected due to low solubility		
Zinc chloride	ZnCl ₂	007646-85-7	aqueous	(C, Xn)	—	1/1	1/1	3/4	(2)	0/0	0/0	2/0	1/1	0/0	0/0	0/0	0/0	0/0	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/4	1/4L	1/3L	1/1			
Zinc chloride	ZnCl ₂	007646-85-7	10 %	C, Xn	—	1/1	1/1	3/4	1/0	0/0	1/1	2/0	1/1	1/3	0/0	1/3	1/0	1/1	1/1	1/1	1/1	1/0	1/1	1/1	0/0	3/4	1/4L	1/3L	1/1			
Zinc nitrate	Zn(NO ₃) ₂	007779-88-6	—	O, C, Xn	—	1/1	1/1	1/4	(2)	0/0	0/0	(2)	1/1	1/0	1/0	1/0	1/0	1/1	0/0	1/1	1/1	(1)	1/0	(1)	(2)	0/0	(3)	(1)	(1)	0/0		
Zinc oxide	ZnO	001314-13-2	solid	Xn, Xi	—	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	1/1	1/1		No chemical effect expected due to low solubility	
Zinc phosphate	Zn ₃ (PO ₄) ₂	007779-90-0	saturated	?	?	1/1	1/1	(1)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	(2)	(1)	(1)	0/0			
Zinc ointment	—	—	?	?	?	0/0	0/0	(1)	(2)	(2)	0/0	(2)	(2)	1/1	0/0	0/0	0/0	1/1	0/0	(1)	1/1	(2)	(4)	(2)	(2)	0/0	(2)	(1)	(1)			
Zinc sludge	—	—	?	?	?	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	(1)	(2)	0/0	0/0	0/0	0/0	0/0	(3)	0/0	0/0			
Zinc stearate	C ₃₆ H ₇₀ ZnO ₄	000557-05-1	—	Xi	—	1/1	1/1	(1)	1/1	0/0	1/1	1/1	1/1	1/1	1/2	1/1	1/1	1/1	1/1	1/1	1/1	(2)	1/1	(2)	0/0	(2)	(1)	(1)				
Zinc sulphate	ZnSO ₄	007733-02-0	10 %	—	—	1/1	1/1	(3)	1/0	(2)	1/0	2/0	1/1	1/1	0/0	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	1/0	0/0	3/4	1/1	1/1	1/1		
Zinc vitriol	-> see: Zinc sulphate																															
Tin (II) chloride	SnCl ₂	007772-99-8	aqueous	(C, Xn)	—	1/1	1/1	(4)	(2)	0/0	0/0	(2)	1/1	0/0	0/0	0/0	0/0	0														

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