

### Chemicals of class A and B

**Class A:** The following chemicals should not be handled and have a prohibition. Find the name and CAS (Chemical Abstract Service) number for identification in the table below. This counts also for their salts and if it should contain crystal water.

Substance	CAS
2-Acetamidofluorene	53-96-3
4-Aminodiphenyl	92-67-1
Benzidine	92-87-5
1,1-Dichlorodimethyl ether (Bis(chloromethyl)ether)	542-88-1
1,2-Dibromo-3-chloropropane	96-12-8
N,N-dimethyl-4-aminoazobenzene (Butter yellow)	60-11-7
Erionite	66733-21-9/12510-42-8
Hexamethylphosphoric triamide (HMPA)	680-31-9
Methyl chloromethyl ether	107-30-2
20-Methylcholanthrene	56-49-5
N-Methyl-N-nitrosourea	684-93-5
$\beta$ -Naphthylamine	91-59-8
4-Nitrodiphenyl	92-93-3

**Class B:** The following chemicals can only be handled with permit.

Carcinogenic substances	CAS
p-Aminoazobenzene	60-09-3
Auramine	492-80-8
Benzal chloride	98-87-3
Benzotrichloride	98-07-7
$\beta$ -Butyrolactone	3068-88-0
4,4'-Diamino-3,3'-dichloro-diphenylmethane (MOCA, Bisamine)	101-14-4

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2,4-Diamino-1-methoxybenzene (2,4-Diaminoanisole)	615-05-4
2,4-Diaminotoluene	95-80-7
Dianisidine (3,3'-dimethoxybenzidine)	119-90-4
Diazomethane	334-88-3
1,2:3,4-Diepoxybutane	1464-53-5
Diethyl sulfate	64-67-5
3,3'-Dichlorobenzidine	91-94-1
2,2'-Dichlorodiethyl ether	111-44-4
2,2'-Dichlorodiethyl sulfide (mustard gas)	505-60-2
3,3'-Dimethylbenzidine (o-Tolidine)	119-93-7
1,1-Dimethylhydrazine	57-14-7
1,2-Dimethylhydrazine	540-73-8
Dimethyl sulfate	77-78-1
Ethyleneimine	151-56-4
Ethyl methanesulfonate	62-50-0
Phenyl- $\beta$ -naphthylamine	135-88-6
Methyl methanesulfonate	66-27-3
Monomethylhydrazine	60-34-4
$\alpha$ -Naphthylamine	134-32-7
N-Nitrosodimethylamine (N,N-dimethylnitrosamine)	62-75-9
1,3-Propanesultone	1120-71-4
$\beta$ -Propiolactone	57-57-8
1,2-Propyleneimine	75-55-8
Thioacetamide	62-55-5
Tris(2,3-dibromopropyl)phosphate (TDBPP)	126-72-7
Urethane (Ethyl carbamate)	51-79-6
<b>Sensitizing substances</b>	
2,4-Diaminotoluene	95-80-7
3,3'-dichlorobenzidine	91-94-1
S-[2-(Dimethylamino)ethyl]-pseudothiourea dihydrochloride (PBA 1)	16111-27-6
Hexahydrophthalic anhydride**	85-42-7

Hexahydrophthalic anhydride**	13149-00-3
Hexahydrophthalic anhydride**	14166-21-3
Methylhexahydrophthalic anhydride**	25550-51-0
Methylhexahydrophthalic anhydride**	19438-60-9
Methylhexahydrophthalic anhydride**	48122-14-1
Methylhexahydrophthalic anhydride**	57110-29-9
Methyltetrahydrophthalic anhydride**	26590-20-5
Methyltetrahydrophthalic anhydride**	11070-44-3
Methyltetrahydrophthalic anhydride**	34090-76-1
Methyltetrahydrophthalic anhydride**	1694-82-2
Methyltetrahydrophthalic anhydride**	3425-89-6
Methyltetrahydrophthalic anhydride**	5333-84-6
Methyltetrahydrophthalic anhydride**	42498-58-8
Tetrahydrophthalic anhydride**	85-43-8
Tetrahydrophthalic anhydride**	935-79-5
Tetrachlorophthalic anhydride**	117-08-8
<b>Substances toxic to reproduction</b>	
Ethylene diurea	96-45-7

\* CAS No is the identification number of the substance according to Chemical Abstract Service

\*\* As a guidance value, 0.005 mg/m<sup>3</sup> for the combined exposure to organic anhydrides during 15 minutes of inhalation should not be exceeded.