

Substances with the risk phrase "R45" (may cause cancer) from the third edition of the Approved Supply List.

See also substances with the risk phrase "R49" (may cause cancer by inhalation).

(Certain coal and petroleum products have been omitted as being of industrial use)

Acrylamide
Acrylonitrile
4-Aminoazobenzene
4-Aminobiphenyl (4-Amindiphenyl)
Salts of 4-Aminobiphenyl
4-Amino-3-fluorophenol
Arsenic acid and its salts
Arsenic pentoxide
Arsenic trioxide
Asbestos (all types)
Benzene
Benzidine
Salts of Benzidine
Benzo-(a)-anthracene
Benzo-(a)-pyrene
Benzo-(b)-fluoranthene
Benzo-(j)-fluoranthene
Benzo-(k)-fluoranthene
Bis(chloromethyl ether (BCME)
Butane[1], isobutane[2] (containing $\geq 0.1\%$ 1,3
Butadiene)
1,3 Butadiene
Cadmium chloride
Calcium chromate
Captafol (ISO)
Carbadox (INN)
2-Chloroallyl diethyldithiocarbamate (Sulfallate ISO)
Chlorodimethyl ether
1-Chloro-2,3-epoxypropane (Epichlorhydrin)
Chromium(III) chromate
Chromic chromate
o-Dianisidine
Salts of o-dianisidine
Diarsenic trioxide
Diazomethane
Dibenz(a,h)anthracene
1,2-Dibromo-3-chloropropan
1,2-Dibromoethane (Ethylene dibromide)
3,3'-Dichlorobenzidine

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Salts of 3,3'-Dichlorobenzidine

1,4-Dichlorobut-2-ene

2-Nitroanisole

1,2-Dichloroethane (Ethylene dichloride)

2,2'-dichloro-4,4'-methylenedianiline (MbOCA)

Salts of 2,2'-Dichloro-4,4'-methylenedi--aniline

1,3-dichloro-2-propanol

Diethyl sulphate

3,3'-Dimethylbenzidine (o-Tolidine)

Dimethylcarbamoyl chloride

1,2-Dimethyl sulphate

Disodium{5-[4'-((2,6-hydroxy-3 ((2-hydroxy-5-sulphenyl) azo)phenyl)azo (1,-biphenyl)-4-yl)azo]salicylato(4) cuprate (2⁺)

1,2-Epoxypropane

Erionite

Ethyleneimine

Ethylene oxide

Hexachlorobenzene

Hexamethyl phosphoric triamide

Salts of hydrazine

Hydrazine bis (3-carboxy-4-hydroxybenzene sulphonate)

Hydrazobenzene

Lead hydrogen arsenate

2-Methylaziridine

4,4'-Methylene diamine (4,4'-diaminodiphenylmethane)

4,4'-methylene-di-o-toluidine

Methyl acrylamidomethoxyacetate (containing $\geq 0.1\%$ acrylamide)

Methyl acrylamidoglycolate (containing $\geq 0.1\%$ acrylamide)

2-Methoxyaniline

4-Methyl-m-phenylenediamine

1-Methyl-3-nitro-1-nitrosoguanidine

Methyl-ONN-azoxymethyl acetate (Methyl azoxy methyl acetate)

2-Naphthylamine

Salts of 2-Naphthylamine

5-Nitroacenaphthalene

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Strontium chromate
2-Naphthylamine
4-Nitrobiphenyl (4-Nitrodiphenyl)
Nitrophen (ISO)
2-Nitronaphthalene
 2-Nitropropane
N-Nitrosodipropylamine
 2,2'-(Nitrosoimino)bisethanol
Potassium bromate
1,3-Propanesultone

3-Propanolide
Styrene oxide
o-Toluidine
Thioacetamide
4-o-Tolylazo-o-toluidine
 α,α,α -Trichlorotoluene
Urethane (INN)
Vinyl chloride (Chloroethylene)
Zinc chromates (including zinc potassium chromate)

**Substances with the Risk Phrase "R49"
(May cause cancer by inhalation)**

Beryllium
Beryllium compounds with the exception of aluminium
beryllium silicates
Cadmium oxide
Cadmium sulphate
Chromium trioxide
Dinickel trioxide
Nickel dioxide
 Nickel monoxide
Nickel subsulphide
Nickel sulphide

Other substances and processes to which the definition of "Carcinogenic" relates to Schedule 8 of COSHH

Aflatoxins

Arsenic

Bichromate manufacture involving the roasting of chromite ore

Electrolytic chromium processes, excluding passivation, which involves hexavalent chromium compounds

Mustard gas (b,b'-Dichlorodiethyl sulphide)

Calcining, sintering or smelting of nickel copper matte or acid leaching or electrorefining of roasted matte

Coal soots, coal tar, pitch and coal tar fumes

The following mineral oils: -

unrefined and mildly refined vacuum distillates

catalytically cracked petroleum boiling above 320°C

used engine oils

Auramine manufacture

Leather dust in shoe manufacture

Hardwood dusts

Isopropyl alcohol manufacture (strong)

Rubber manufacturing and processing giving rubber process dust and fume

Magenta manufacture