

## Safety data for potassium N-methyldithiocarbamate

### General

Synonyms: wemcide CW 104, methylcarbamodithioic acid potassium salt

Use:

Molecular formula:  $C_2H_4KNS_2$

CAS No: 137-41-7

EINECS No:

### Physical data

Appearance: crystalline solid, but often supplied as a brown or yellow aqueous solution

Melting point:

Boiling point:

Vapour density:

Vapour pressure:

Density ( $g\ cm^{-3}$ ):

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility:

### Stability

Stable, but decomposes in water solution to give toxic hydrogen sulfide. Incompatible with water, acids, copper, zinc.

### Toxicology

Harmful if swallowed or inhaled. Very harmful if absorbed through the skin. Corrosive - causes burns. Very destructive of mucous membranes. Skin, eye and respiratory irritant.

### **Toxicity data**

ORL-RAT LD50 1000 mg kg<sup>-1</sup>  
SKN-RAT LD50 > 2000 mg kg<sup>-1</sup>

### **Risk phrases**

R20 R21 R22 R34 R51.

## **Environmental information**

Toxic to fish.

## **Transport information**

UN No 3267. Hazard class 8. Packing group II.

## **Personal protection**

Safety glasses, gloves, good ventilation.