Safety (MSDS) data for codeine

General

Synonyms: 7,8-didehydro-4,5-alpha-epoxy-3-methoxy-17-methylmorphinan-6-alpha-ol, methylmorphine, 3-o-methylmorphine monohydrate, morphine monomethyl ether, morphine-3-methyl ether, N-methyl-norcodeine, codicept, codeinum, coducept
Use: analgesic, pain killer, cough suppressant
Molecular formula: C_{18}H_{21}NO_{3}
CAS No: 76-57-3
EINECS No:

Physical data

Appearance: white crystalline powder
Melting point: 154 - 156 C
Boiling point:
Vapour density:
Vapour pressure:
Density (g cm^{-3}): 1.32
Flash point: 75 C
Explosion limits:
Autoignition temperature:
Water solubility:
**Stability**

Stable, but light sensitive. Combustible. Incompatible with strong oxidizing agents, bromides, iodides, heavy metal salts.

**Toxicology**

Harmful if swallowed, inhaled or absorbed through the skin.
Addictive drug. Controlled substance in many countries.

**Toxicity data**
(The meaning of any toxicological abbreviations which appear in this section is given here.)
- ORL-RAT LD50 427 mg kg$^{-1}$
- IPR-RAT LD50 130 mg kg$^{-1}$
- SCU-RAT LD50 229 mg kg$^{-1}$
- IVN-RAT LD50 75 mg kg$^{-1}$

**Risk phrases**
(The meaning of any risk phrases which appear in this section is given here.)
- R20
- R21
- R22

**Transport information**
(The meaning of any UN hazard codes which appear in this section is given here.)

**Personal protection**

Safety glasses. Do not breathe dust.

**Safety phrases**
(The meaning of any safety phrases which appear in this section is given here.)
This information was last updated on March 18, 2005. We have tried to make it as accurate and useful as possible, but can take no responsibility for its use, misuse, or accuracy. We have not verified this information, and cannot guarantee that it is up-to-date.