

Safety (MSDS) data for codeine



General

Synonyms: 7,8-didehydro-4,5- α -epoxy-3-methoxy-17-methylmorphinan-6- α -ol, methylmorphine, 3-o-methylmorphine monohydrate, morphine monomethyl ether, morphine-3-methyl ether, N-methyl-norcodeine, codicept, codeinum, coducept

Use: analgesic, pain killer, cough supressant

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.](#))

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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.
