

Safety (MSDS) data for methoxyflurane



General

Synonyms: 1,1-difluoro-2,2-dichloro-1-methoxyethane, DA759, 2,2-dichloro-1,1-difluoroethyl methyl ether, metofane, penthrane, pentran, pentrane, analgizer, anecotan, ingalan, inhala, methoflurane, methoxane, metoxifluran, MOF, MSC-110432

Use: inhalation anesthetic

Molecular formula: $C_3H_4Cl_2F_2O$

CAS No: 76-38-0

EC No:

Physical data

Appearance: colourless liquid

Melting point: -35 C

Boiling point: 105 C

Vapour density:

Vapour pressure:

Density ($g\ cm^{-3}$): 1.426

Flash point: 63 C

Explosion limits:

Autoignition temperature:

Water solubility: negligible

Stability

Toxicology

May cause systemic effects in humans if inhaled. Experimental teratogen. Eye irritant.

Toxicity data

(The meaning of any abbreviations which appear in this section is given [here.](#))

ORL-HMN LDLO 140 mg kg⁻¹

IHL-HMN TCLO 3500 ppm/1h

IHL-RAT LD50 123 g/m³/4h

IHL-MUS LC50 118 g/m³/2h

IHL-MAM LC50 34 g/m³

Risk phrases

(The meaning of any risk phrases which appear in this section is given [here.](#))

R20.

Transport information

(The meaning of any UN hazard codes which appear in this section is given [here.](#))

UN No 8027. Hazard class 9.

Personal protection

Safety glasses, adequate ventilation.

Safety phrases

(The meaning of any safety phrases which appear in this section is given [here.](#))

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