

# Safety (MSDS) data for methyl dopa sesquihydrate



## General

Synonyms: 1-(-)-beta-(3,4-dihydroxyphenyl)-alpha-methylalanine, methyldopa, aldomet, AMD, Bayer 1440 L, baypresol, dopamet, dopatec, dopegyt, 1-(alpha-md), (-)-methyldopa, l-methyldopa, aldometial, aldomin, alpha medopa, hyperpax, modomet, medopren, presolisin, sedometril, sembrina, aldordine, numerous other systematic and non-systematic names

Use: antihypertensive

Molecular formula:  $C_{10}H_{13}NO_4 \cdot 1.5H_2O$

CAS No: 41372-08-1

EINECS No:

## Physical data

Appearance: colourless to white crystalline powder

Melting point: ca. 300 C (decomposes)

Boiling point:

Vapour density:

Vapour pressure:

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

Flash point:

Explosion limits:

Autoignition temperature:  
Water solubility: moderate

## Stability

Very hygroscopic. Undergoes catalytic oxygenation in the presence of magnesium, cupric, cobalt, nickel and ferric ions. Store under a dry atmosphere.

## Toxicology

May cause reproductive damage. Experimental carcinogen and teratogen. May be harmful if swallowed or inhaled.

### Toxicity data

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

ORL-RAT LD50 5000 mg kg<sup>-1</sup>

IPR-MUS LD50 150 mg kg<sup>-1</sup>

IVN-MUS LD50 1700 mg kg<sup>-1</sup>

ORL-WMN TDLO 900 mg kg<sup>-1</sup> /13w-i

### Risk phrases

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

## Transport information

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

## 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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