

Safety (MSDS) data for penicillin U

General

Synonyms: acipen U, apopen, benomycin, distaquaine U, fenospin, meropenin, ospen, penicillin phenoxymethyl, pen-oral, phenopenicillin, 6-phenoxyacetamidopenicillanic acid, various other trade names

Molecular formula: $C_{16}H_{18}N_2O_5S$

CAS No: 87-08-1

EC No:

Physical data

Appearance: white crystalline powder

Melting point: ca. 120 - 128 C (decomposes)

Boiling point:

Vapour density:

Vapour pressure:

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

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: slight

Stability

Stable. Combustible. Incompatible with strong oxidizing agents.

Toxicology

May be harmful if consumed in quantity.

Toxicity data

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

ORL-WMN TDLO 10 mg kg⁻¹/2d

ORL-MUS LD50 6578 mg kg⁻¹

IPR-MUS LD50 12 mg kg⁻¹

SCU-MUS LD50 24 mg kg⁻¹

IVN-MUS LD50 8 mg kg⁻¹

Risk phrases

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

Transport information

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 November 12, 2003. 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.
