

Safety (MSDS) data for probenecid

General

Synonyms: p-(dipropylsulfamyl)benzoic acid, 4-((dipropylamino)sulfonyl)benzoic acid, apurina, benuryl, ethamide, probecid, proben, probenecid acid, probenemid, prolongine, synergid R, tubophan, uricosid

Use: renal tubular blocking agent; other medical uses

Molecular formula: $C_{13}H_{19}NO_4S$

CAS No: 57-66-9

EINECS No:

Physical data

Appearance: white crystalline powder

Melting point: 194 - 196 C

Boiling point:

Vapour density:

Vapour pressure:

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

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: negligible

Stability

Stable, but may be light sensitive.

Toxicology

May be harmful if swallowed, inhaled or absorbed through the skin.

Toxicity data

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

ORL-RAT LD50 1600 mg kg⁻¹

IPR-RAT LDLO 394 mg kg⁻¹

ORL-MUS LD50 1666 mg kg⁻¹

SCU-MUS LDLO 1156 mg kg⁻¹

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.](#))

Non-hazardous for air, sea and road freight.

Personal protection

Safety glasses.

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 February 15, 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.
