

Safety (MSDS) data for acyclovir

General

Synonyms: zovirax, 2-Amino-1,9-dihydro-9-((2-hydroxyethoxy)methyl)-6H-purin-6-one, aciclovir

Molecular formula: $C_8H_{11}N_5O_4$

CAS No: 59277-89-3

EINECS No:

Physical data

Appearance: solid

Melting point: 256 C

Boiling point:

Vapour density:

Vapour pressure:

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

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility:

Stability

Stable. Incompatible with strong oxidising agents.

Toxicology

May act as a skin, eye or respiratory irritant.

Toxicity data

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

ORL-RAT LD50 >20000 mg kg⁻¹

ORL-MUS LD50 > 10000 mg kg⁻¹

SCU-RAT LD50 620 mg kg⁻¹

IVN-RAT LD50 910 mg kg⁻¹

IPN-RAT LD50 860 mg kg⁻¹

Lowest published toxic dose ORL-WMN 80 mg kg⁻¹/ 4 day/intermittent.

Risk phrases

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

R36 R37 R38.

Transport information

Non-hazardous for air, sea and road freight.

Personal protection

Minimize contact

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This information was last updated on August 19, 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.
