

Safety (MSDS) data for cytarabine hydrochloride

General

Synonyms: 1-beta-d-arabinofuranosylcytosine monohydrochloride, aracytidine hydrochloride, cytosine arabinoside hydrochloride, ARA-C, CA, cycloside, iretin, cytosar hydrochloride, MSC 63878, U19920

Use: anti-viral agent

Molecular formula: $C_9H_{13}N_3O_5$ HCl

CAS No: 69-74-9

EC No:

Physical data

Appearance: white powder

Melting point: 180 - 182 C

Boiling point:

Vapour density:

Vapour pressure:

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

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: appreciable

Stability

Stable. Combustible. Incompatible with strong oxidising agents.

Toxicology

Eye irritant. May act as a skin or respiratory irritant.

Toxicity data

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

ORL-MUS LD50 826 mg kg⁻¹

SCU-MUS LD50 2262 mg kg⁻¹

IPR-RAT LD50 5500 mg kg⁻¹

IVN-DOG LD50 172 mg kg⁻¹

Risk phrases

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

R36.

Transport information

Personal protection

Minimise contact.

Safety phrases

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

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