

Safety (MSDS) data for cis-retinoic acid

General

Synonyms: 3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraenoic acid, isotretinoin, neovitamin A acid, 13-RA, 13-cis-retinoic acid, RO-4-3780, 13-cis-vitamin A acid, accutane, retinoic acid 9z form

Use: antitumour agent, drug used in treatment of cystic acne

Molecular formula: $C_{20}H_{28}O_2$

CAS No: 4759-48-2

EINECS No:

Physical data

Appearance: yellow to orange crystalline powder

Melting point: 189 - 190 C

Boiling point:

Vapour density:

Vapour pressure:

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

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: negligible

Stability

Stable, but probably air and light sensitive. Combustible.

Incompatible with strong oxidizing agents.

Toxicology

Not believed to be harmful in normal use.

Toxicity data

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

ORL-CHD TDLO 360 mg/kg/26w-i

ORL-MAN TDLO 750 mg/kg/12w-i

ORL-WMN TDLO 56 mg/kg/8w-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.](#))

Non-hazardous for air, sea and road freight.

Personal protection

Minimize exposure.

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 October 27, 2004. 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.
