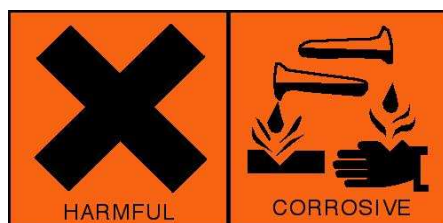


Safety (MSDS) data for caesium hydroxide



General

Synonyms: caesium hydrate, cesium hydroxide, cesium hydrate

Molecular formula: CsOH

CAS No: 21351-79-1

EC No: 244-344-1

Physical data

Appearance: colourless liquid (as a 50% solution in water)

Melting point:

Boiling point:

Vapour density:

Vapour pressure:

Specific gravity:

Flash point:

Explosion limits:

Autoignition temperature:

Stability

Stable. Incompatible with acids. Absorbs carbon dioxide from the air.

Toxicology

Very destructive of mucous membranes. Harmful if swallowed, inhaled or in contact with skin. May cause serious damage in contact with eyes.

Toxicity data

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

ORL-RAT LD50 570 mg kg⁻¹ (50% solution in water)
IPR RAT LD50 100 mg kg⁻¹ (50% solution in water)

Risk phrases

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

R20 R21 R22 R34.

Transport information

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

UN Major hazard class: 8.0. Packing group: II

Personal protection

Safety glasses.

Safety phrases

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

S26 S27 S28 S36 S37 S39.

[Return to [Physical & Theoretical Chemistry Lab. Safety home page.](#)]

This information was last updated on March 16, 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.
