

Safety (MSDS) data for sodium hypophosphite monohydrate

General

Synonyms:

Molecular formula: $\text{NaH}_2\text{PO}_2 \cdot \text{H}_2\text{O}$

CAS No: 10039-56-2 (anhydrous form is 7681-53-0)

EC No:

Physical data

Appearance: white granules

Melting point:

Boiling point:

Vapour density: 3.6 (air = 1)

Vapour pressure:

Density (g cm^{-3}):

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: appreciable

Stability

Stable, but may ignite if allowed to become damp. Incompatible with moisture, strong oxidizing agents.

Toxicology

Irritant.

Toxicity data

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

IPR-MUS LD50 1584 mg kg^{-1}

Risk phrases

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

R36 R37 R38.

Transport information

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 August 30, 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.
