Safety (MSDS) data for butanal oxime

General

Synonyms: butanaloxime, n-butyraldehyde oxime, n-butyraldoxime, butyraldoxime, butylaldoxime, Exkin 1, Exkin No 1 anti-skinning agent, Skino #1, troykyd anti-skin bto, USAF AM-6
Use: anti-skinning agent
Molecular formula: C₄H₉NO
CAS No: 110-69-0
EC No:

Physical data

Appearance: colourless liquid
Melting point: -29 C
Boiling point: 152 C
Vapour density: 3 (air = 1)
Vapour pressure:
Density (g cm⁻³): 0.92
Flash point: 57 C
Explosion limits:
Autoignition temperature:
Water solubility: negligible

Stability

Stable. Combustible. Incompatible with strong oxidizing agents, powdered metals, acids.

Toxicology

May be harmful if swallowed, inhaled or absorbed through the skin. Skin, eye and respiratory irritant.

Toxicity data
(The meaning of any abbreviations which appear in this section is given here.)
IPR-MUS LD50 200 mg kg⁻¹
ORL-RBT LDLO 100 mg kg⁻¹

Risk phrases
(The meaning of any risk phrases which appear in this section is given here.)
R36 R37 R38.

Transport information

(The meaning of any UN hazard codes which appear in this section is given here.)
UN No 2840. Packing group III. Hazard class 3.

Personal protection

Safety glasses, adequate ventilation.

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 6, 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.