
HOSMAC – E 38/40

Effective Date: 07/29/03

1. Chemical Product and Company Identification

Generic Name:

Mineral oil-free defoamer

Manufacturer:

unitech GmbH, Röntgenstr. 7, D-57439 Attendorn
Telephone Number: +49 2722 9376 0
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2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
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Ethanediamine, polymer with (chloromethyl)oxirane and N-methylmethanamine	42751-79-1	5 – 10 %	Yes

3. Hazards Identification

Emergency Overview

Repeated and/or prolonged contact may cause irritation to the eyes and skin.
Unnecessary exposure to the chemical substance should be avoided. Ensure prompt removal from skin, eyes and clothing.

Potential Health Effects

Inhalation:

Avoid inhalation of mist/aerosol forms of the product.

Ingestion:

Not expected to be harmful by ingestion. If swallowed, do not induce vomiting.

Skin Contact:

Mild irritant

Eye Contact:

Mild irritant

Chronic Exposure:

No information available.

Aggravation of Pre-existing Conditions:

No information available.

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4. First Aid Measures**Inhalation:**

Not expected to be harmful. Move to fresh air.

Ingestion:

Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical attention.

Skin Contact:

Wash exposed area with soap and water. Get medical attention if irritation develops.

Eye Contact:

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Get medical attention.

5. Fire Fighting Measures**Fire:**

Product will not ignite except after evaporation of the water content.

Explosion:

Not considered to be an explosion hazard, except after evaporation of the water content.

Fire Extinguishing Media:

Extinguish surrounding fire with suitable means.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool.

6. Accidental Release Measures

Remove sources of ignition. Contain and collect, using a suitable absorbent, if needed. Place into suitable container for disposal. Thoroughly flush residual to drain, as spilled product creates extremely slippery conditions.

7. Handling and Storage

Handle as irritant. Do not get in eyes. Avoid prolonged/repeated skin contact. Do not inhale vapors/mists. Do not ingest. Store away from sources of ignition. Spilled product creates very slippery condition, especially in contact with water.

8. Exposure Controls/Personal Protection**Airborne Exposure Limits:**

None established

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Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Skin Protection:

Wear impervious rubber or neoprene gloves and clean body-covering clothing.

Eye Protection:

Safety goggles are required. Maintain eye wash fountain in work area.

9. Physical and Chemical Properties**Appearance:**

Light yellow clear liquid

Odor:

No appreciable odor.

Solubility:

Miscible in water.

Density:

1,015 kg/m³

pH:

5 - 6

% Volatiles by volume @ 21°C (70°F):

ND

Boiling Point:

app. 100°C (212°F) water content

Vapor Density (Air=1):

ND

Vapor Pressure (mm Hg):

ND

Evaporation Rate (BuAc=1):

< 1

10. Stability and Reactivity**Stability:**

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

None known

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Strong oxidizers

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11. Toxicological Information

Mild eye and skin irritant. May aggravate existing medical conditions such as rashes, allergies or other sensitive areas. Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

Carcinogenicity:

Not listed by NTP, IARC, OSHA

12. Ecological Information**Environmental Fate:**

The product is rapidly eliminated from aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Non-hazardous liquid waste may be incinerated, according to local state and federal regulations.

14. Transport Information

Not regulated.

15. Regulatory Information

CERCLA Section 103

Components present in this product at a level which could require reporting under 40CFR302.4: None

SARA Section 302: None

SARA Hazard categories, SARA Sections 311/312

Acute	Chronic	Fire	Reactivity	Pressure
No	No	No	No	No

SARA Sections 313: None

Chemical Inventories

The Ingredients of this product are on the following Chemical Substance Inventories:

TSCA DSL

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16. Other Information

NFPA Ratings: Health: **1** Flammability: **0** Reactivity: **0**

Label Hazard Warning:

None.

Label Precautions:

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Label First Aid:

Not applicable.

Product Use:

Defoamer

Revision Information:

No changes.

The opinions expressed herein are those of qualified experts within unitech GmbH and of their suppliers. We believe that the information contained herein is current as of the date of this Material Data Sheet. Since the use of this information and of these opinions and the condition and use of the product are not within the control of unitech GmbH, it is the user's obligation to determine the conditions of safe use of the product.
