
HOSMAC – AD 20066

Effective Date: 07/25/03

1. Chemical Product and Company Identification

Generic Name:

Wetting agent

Manufacturer:

unitech GmbH, Röntgenstr. 7, D-57439 Attendorn

Telephone Number: +49 2722 9376 0

Fax Number: +49 2722 9376 76

Emergency Telephone Number: +49 2722 9376 54

2. Composition/Information on Ingredients

Nonionic surfactants

Ingredient	Percent	Hazardous
Alkylpolyglycoether	100%	Yes

3. Hazards Identification

Emergency Overview

Causes eye irritation.

Avoid contact with eyes. Wear suitable eye protection. Avoid breathing vapour or dust. In case of contact with skin, eyes and clothing, product has to be removed immediately.

Potential Health Effects

Inhalation:

Not expected to be a probable route of exposure to product concentrate.

Inhalation of diluted mix can occur in applications where high mist levels are generated. Extended exposure to mist may cause upper respiratory irritation.

Ingestion:

Not orally toxic. Swallowing small quantities may cause nausea or diarrhea.

Skin Contact:

Product may be a primary skin irritant.

Eye Contact:

Product is a primary eye irritant.

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Chronic Exposure:

No information available.

4. First Aid Measures**Inhalation:**

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If concentrate or mix is swallowed, **do not induce vomiting**. Give large amounts of water. Get medical attention. Never give anything by mouth to an unconscious person.

Skin Contact:

Remove contaminated clothing. In case of contact, wash area with soap and a plenty of water. Consult a physician if irritation continues. Wash clothing before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures**Fire:**

Flash point: >356 °F

Fammable limits: unknown

Autoignition temperature: unknown

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Alcohol foam, CO₂, dry chemical, water/fog spray

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

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Collect with absorbent material and discard according to Federal, State and Local regulations.

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7. Handling and Storage

Storage place should provide protection against frost and heat. Best stored between 50 and 85°F in a dry and ventilated area.

Keep container tightly closed. .

Avoid all contact with eyes and skin.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits

None

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 protective gloves (butyl rubber, PVC or neoprene)

Eye Protection:

Safety goggles are required when handling the product. Maintain eye wash fountain in work area.

Work/Hygiene Practices:

Good personal hygiene should always be practiced.

9. Physical and Chemical Properties

Appearance:

turbid liquid

Odor:

typical

Solubility:

Soluble in water.

Density:

0.98 kg/l

pH @ 10 g/l in water, 20°C (68°F):

5.5 – 7.5

% Volatiles by volume @ 21°C (70°F):

ND

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Boiling Point:

> 392°F

Vapor Pressure (mm Hg):

ND

Evaporation Rate:ND

10. Stability and Reactivity**Stability:**

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

In case of fire: Hazardous combustion products: Smoke, fumes, COx

Hazardous Polymerization:

Will not occur.

Incompatibilities:Avoid contact with strong oxidizers and strong acids

11. Toxicological Information

Oral rat LD50: >2000 mg/kg (calculated)

Skin Effects: Mild skin irritation expected

Eye Effects: moderate irritant

12. Ecological Information

This product represents a hazard to water. Keep product out of sewage systems or water bodies. Avoid entering into the ground.

13. Disposal Considerations

Recommended disposal is by incineration in approved facilities.

Disposal procedures must comply with Local, County, State and Federal regulations.

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14. Transport Information

Not regulated

15. Regulatory Information

SARA Section 302: None

SARA Hazard categories, SARA Sections 311/312

Acute	Chronic	Fire	Reactivity	Pressure
Yes	No	No	No	No

SARA Sections 313: None

Chemical Inventories

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

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information**NFPA Ratings:** Health: 2 Flammability: 1 Reactivity: 0**Label Hazard Warning:** Warning! Causes eye irritation.**Label Precautions:** Avoid breathing vapour or dust. Avoid contact with eyes. Keep container closed when not in use. Use ventilation and/or respiratory protection in order to keep exposure to a minimum. Wash thoroughly after handling.**Label First Aid:** In case of eye contact, hold eye open and flush with water for at least 15 minutes. If symptoms of irritation develop, call a physician promptly.**Product Use:** Wetting agent**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.
