

---

## HOSMAC – E 124

Effective Date: 02/12/03

---

### 1. Chemical Product and Company Identification

**Generic Name:**

Hydrocarbon based defoamer

**Manufacturer:**

unitech GmbH, Röntgenstr. 7, D-57439 Attendorn

Telephone Number: 011 49 2722 9376 0

Fax Number: 011 49 2722 9376 76

Emergency Telephone Number: 011 49 2722 9376 54

---

### 2. Composition/Information on Ingredients

Mineral oil based antifoam agent (free of Si-compounds)

---

### 3. Hazards Identification

#### Emergency Overview

**Unnecessary exposure to the product should be avoided. 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. Inhalation can occur in applications where high mist levels are generated. Extended exposure to mist may cause upper respiratory irritation.

**Ingestion:**

Swallowing small quantities may cause nausea or diarrhea.

**Skin Contact:**

Prolonged contact may cause irritation; occasionally dermatitis due to hypersensitivity occurs.

**Eye Contact:**

Product may be a primary eye irritant.

**Chronic Exposure:**

Prolonged or repeated skin contact may cause dermatitis.

**Aggravation of Pre-existing Conditions:**

May aggravate existing skin irritation where skin penetration could occur.

---

## HOSMAC – E 124

---

### 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**. Rinse mouth with water. Get medical attention.

**Skin Contact:**

Wash exposed area with soap and water.

**Eye Contact:**

Flush immediately with running water. Get medical attention.

---

### 5. Fire Fighting Measures

**Fire:**

Flash point COC: >100°C (>212°F)

Hazardous combustion products: Smoke, fumes, COx

**Explosion:**

Not considered to be an explosion hazard, except when extremely heated.

**Fire Extinguishing Media:**

Foam, carbondioxide and dry extinguishing agents

**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. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.

---

### 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. Spilled material may make the floor slippery.

---

### 7. Handling and Storage

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

Keep container tightly closed. Prevent formation of aerosols. Avoid all contact with eyes and skin.

Keep ignition sources away. Do not smoke. Protect against electrostatic charges. Shake well before use.

---

---

**HOSMAC – E 124**

---

**8. Exposure Controls/Personal Protection****Airborne Exposure Limits:**Hydrocarbons (mist) 5 mg/m<sup>3</sup> (OSHA, PEL, TWA)**Contents**

&lt; 100%

**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 (nitrile) and clean body-covering clothing when handling the concentrate.

**Eye Protection:**

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

**Work/Hygiene Practices:**

Good personal hygiene should always be practiced.

---

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

yellow

**Odor:**

mild odor

**Solubility:**

miscible

**Density:**

0.95 kg/l at 25°C (77°F)

**pH @ 100 g/l in water, 20°C (68°F):**

6 - 8 (dispersion)

**% Volatiles by Weight @ 21°C (70°F):**

ND

**Boiling Point Range:**

ND

**Vapor Density (Air=1):**

ND

**Vapor Pressure (hPa):**

ND

**HOSMAC – E 124**

---

**10. Stability and Reactivity****Stability:**

Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:**

Hazardous combustion products: Smoke, fumes, COx

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

Avoid contact with oxidizers or strong acids.

**Conditions to Avoid:**

Heat, flames, incompatibles.

---

**11. Toxicological Information**

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

**Skin Effects** Prolonged contact may cause irritation

**Eye Effects** Mild eye irritation expected

---

**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**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

---

---

**HOSMAC – E 124**

---

**14. Transport Information**

Not regulated

---

**15. Regulatory Information**

SARA Hazard categories, SARA Sections 311/312

Acute	Chronic	Fire	Reactivity	Pressure
Yes	No	Yes	No	No

Chemical Inventories

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

**Poison Schedule:** No information found.**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: 1 Flammability: 1 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 product and ensure prompt removal from skin, eyes and clothing.**Label First Aid:** If swallowed, do not induce vomiting. Get medical intention immediately**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.

\*\*\*\*\*