



Revision Number: 004.0

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## 1. PRODUCT AND COMPANY IDENTIFICATION

|   |  |                             |               |
|---|--|-----------------------------|---------------|
| <b>Product name:</b>  | <b>BONDERITE C-AD DEFOAMER<br/>CLEANER ADDITIVE known as<br/>PARCO DEFOAMER 2482</b>   | <b>IDH number:</b>          | 592633        |
| <b>Product type:</b>  | Defoamer   | <b>Region:</b>              | United States |
| <b>Restriction of Use:</b>  | None identified  | <b>Contact information:</b> |               |
| <b>Company address:</b>   | Telephone: 248.583.9300<br>MEDICAL EMERGENCY Phone: Poison Control Center<br>1-877-671-4608 (toll free) or 1-303-592-1711<br>TRANSPORT EMERGENCY Phone: CHEMTREC<br>1-800-424-9300 (toll free) or 1-703-527-3887<br>Internet: www.henkelna.com |                             |               |
| Henkel Corporation<br>32100 Stephenson Highway<br>Madison Heights, MI 48071 |  |                             |               |

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** CAUSES SKIN IRRITATION.  
CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS    | HAZARD CATEGORY |
|-----------------|-----------------|
| SKIN IRRITATION | 2               |
| EYE IRRITATION  | 2A              |

### PICTOGRAM(S)



### Precautionary Statements

|                    |   |
|--------------------|---|
| <b>Prevention:</b> | Wash thoroughly after handling. Wear eye and face protection. Wear protective gloves.   |
| <b>Response:</b>   | IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| <b>Storage:</b>    | Not prescribed  |
| <b>Disposal:</b>   | Not prescribed  |

5 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|------------------------|------------|-------------|
|------------------------|------------|-------------|

IDH number: 592633

Product name: BONDERITE C-AD DEFOAMER CLEANER ADDITIVE known as PARCO DEFOAMER 2482

Petroleum distillates, solvent-refined  
heavy paraffinic

Proprietary

60 - 100

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

|                            |   |
|----------------------------|---|
| <b>Inhalation:</b>         | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist. |
| <b>Skin contact:</b>       | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.                               |
| <b>Eye contact:</b>        | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.   |
| <b>Ingestion:</b>          | Get immediate medical attention. Do not induce vomiting.  |
| <b>Symptoms:</b>           | See Section 11.   |
| <b>Notes to physician:</b> | This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.                        |

#### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.   |
| <b>Special firefighting procedures:</b>   | Wear full protective clothing. Wear self-contained breathing apparatus.  |
| <b>Unusual fire or explosion hazards:</b> | This product is combustible at high temperatures. In case of fire, keep containers cool with water spray.  |
| <b>Hazardous combustion products:</b>     | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of sulfur. Oxides of phosphorus. Oxides of nitrogen. |

#### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Remove all sources of ignition. Surfaces may become slippery after spillage. |
| <b>Clean-up methods:</b>          | Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.                                  |

## 7. HANDLING AND STORAGE

- Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Remove all sources of ignition. Do not take internally. For industrial use only. Launder work clothes frequently.
- Storage:** Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. Manufacturer recommends storing above 4.4 °C (40 °F). Mix gently and thoroughly before using.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s)                                  | ACGIH TLV  | OSHA PEL   | AIHA WEEL | OTHER |
|---|--|--|-----------|-------|
| Petroleum distillates, solvent-refined heavy paraffinic | 5 mg/m3 TWA<br>Inhalable fraction.<br>5 mg/m3 TWA mist<br>10 mg/m3 STEL mist | 500 ppm (2,000 mg/m3) PEL<br>5 mg/m3 PEL Mist.<br>5 mg/m3 TWA mist | None      | None  |

- Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
- Respiratory protection:** A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection. Air purifying respirators must use N, R, or P series filters. The filter must be NIOSH classification 95, 99, or 100. Use air-supplied respirator or a self-contained breathing apparatus when vapors/fumes are encountered.
- Eye/face protection:** Wear safety glasses; chemical goggles (if splashing is possible).
- Skin protection:** Wear impervious gloves for prolonged contact. Gloves should be tested to determine suitability for prolonged contact. Suitable glove materials may include: Nitrile gloves. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Liquid  
**Color:** opaque  
**Odor:** Mild  
**Odor threshold:** Not available.  
**pH:** Not applicable  
**Vapor pressure:** < 0.01 mm hg  
**Boiling point/range:** > 500 °F (> 260°C)  
**Melting point/ range:** Not determined  
**Specific gravity:** 0.84 - 0.91 at 77 °F (25°C)  
**Vapor density:** Not determined  
**Flash point:** > 300 °F (> 148.89 °C)  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not applicable  
**Evaporation rate:** Not applicable  
**Solubility in water:** Disperses in water as emulsion

|  |                |
|--|----------------|
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content:                             | Not determined |
| Viscosity:                               | 400 - 1,200 cp |
| Decomposition temperature:               | Not available. |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable at normal conditions.   |
| <b>Hazardous reactions:</b>              | None under normal processing.  |
| <b>Hazardous decomposition products:</b> | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. Oxides of phosphorus. Oxides of sulfur. |
| <b>Incompatible materials:</b>           | Strong acids, alkalies and oxidizing agents.   |
| <b>Reactivity:</b>                       | Not available.   |
| <b>Conditions to avoid:</b>              | Keep away from heat, ignition sources and incompatible materials.  |

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | This product is irritating to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.                                     |
| <b>Skin contact:</b> | Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.  |
| <b>Eye contact:</b>  | This product may cause irritation to the eyes.   |
| <b>Ingestion:</b>    | Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury. |

| Hazardous Component(s)                                  | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|-----------------|--------------------------------------|
| Petroleum distillates, solvent-refined heavy paraffinic | None            | Irritant                             |

| Hazardous Component(s)                                  | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Petroleum distillates, solvent-refined heavy paraffinic | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**Hazardous waste number:** Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

### 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

#### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification:** None above reporting de minimis

**CERCLA/SARA Section 302 EHS:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Immediate Health  
**CERCLA/SARA Section 313:** None above reporting de minimis

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

#### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

**Prepared by:** Jennifer McKay, Regulatory Affairs Specialist

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