

# DEFOAMER

Product number: 131022



## MATERIAL SAFETY DATA SHEET

### 1. Product and Company Identification

|                            |   |
|----------------------------|---|
| <b>Material name</b>       | <b>DEFOAMER</b>   |
| <b>Product number</b>      | 131022  |
| <b>Revision date</b>       | 10-Jan-2006   |
| <b>Company information</b> | Brulin & Company, Inc.<br>P.O. Box 270<br>Indianapolis, IN 46206 US<br>www.Brulin.com |
| <b>Emergency</b>           | CHEMTREC 1-800-424-9300   |
| <b>General information</b> | Phone: 317-923-3211<br>Fax: 317-925-4596  |

### 2. Hazards Identification

|  |  |
|--|--|
| <b>Emergency overview</b>                  | No hazards resulting from the material as supplied.          |
| <b>Potential short term health effects</b> |  |
| <b>Eyes</b>                                | Contact with eyes may cause irritation.                      |
| <b>Skin</b>                                | Health injuries are not known or expected under normal use.  |
| <b>Inhalation</b>                          | Inhalation of mist causes irritation of respiratory system.  |
| <b>Ingestion</b>                           | Health injuries are not known or expected under normal use.  |
| <b>Potential environmental effects</b>     | This material is not expected to be harmful to aquatic life. |

### 3. Composition / Information on Ingredients

|                             |  |
|-----------------------------|--|
| <b>Composition comments</b> | The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200. |
|-----------------------------|--|

### 4. First Aid Measures

|                             |   |
|-----------------------------|---|
| <b>First aid procedures</b> |   |
| <b>Eye contact</b>          | Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention. |
| <b>Skin contact</b>         | Wash off with soap and water. Get medical attention if irritation develops or persists. Launder contaminated clothing before reuse.   |
| <b>Inhalation</b>           | Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention immediately.                               |
| <b>Ingestion</b>            | Give several glasses of water to dilute contents of stomach and call a physician.   |
| <b>General advice</b>       | If you feel unwell, seek medical advice (show the label where possible).  |

### 5. Fire Fighting Measures

|  |   |
|--|---|
| <b>Extinguishing media</b>                   |   |
| <b>Suitable extinguishing media</b>          | Dry chemical, CO <sub>2</sub> , water spray or regular foam.  |
| <b>Protection of firefighters</b>            |   |
| <b>Protective equipment for firefighters</b> | Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Use water spray to cool unopened containers. |

### 6. Accidental Release Measures

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Prevent further leakage or spillage if safe to do so. |
|----------------------------------|---|

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|                                |  |
|--------------------------------|--|
| <b>Methods for containment</b> | Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.   |
| <b>Methods for cleaning up</b> | Never return spills in original containers for re-use.<br><br>Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.<br><br>Small Spills: Flush into sewer with plenty of water. |

## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Keep container closed. Wash hands after handling and before eating. |
| <b>Storage</b>  | Keep at temperatures between 4 and 49??C.                           |

## 8. Exposure Controls / Personal Protection

### Personal protective equipment

|                                       |  |
|---------------------------------------|--|
| <b>Eye / face protection</b>          | Avoid contact with eyes.   |
| <b>Skin protection</b>                | Wear impervious gloves for prolonged contact.                          |
| <b>Respiratory protection</b>         | No personal respiratory protective equipment normally required.        |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice. |

## 9. Physical & Chemical Properties

|   |                                    |
|---|------------------------------------|
| <b>Appearance</b>                                     | Not available                      |
| <b>Clarity</b>  | Not available                      |
| <b>Color</b>  | opaque white                       |
| <b>Form</b>   | viscous Liquid.                    |
| <b>Odor</b>   | mild                               |
| <b>Odor threshold</b>                                 | Not available                      |
| <b>Physical state</b>                                 | Liquid                             |
| <b>pH</b>   | 5.86                               |
| <b>Melting point</b>                                  | 30 °F                              |
| <b>Freezing point</b>                                 | Not available                      |
| <b>Boiling point</b>                                  | 212 °F                             |
| <b>Flash point</b>                                    | > 212 °F Pensky-Martens Closed Cup |
| <b>Evaporation rate</b>                               | Not available                      |
| <b>Flammability limits in air, lower, % by volume</b> | Not available                      |
| <b>Flammability limits in air, upper, % by volume</b> | Not available                      |
| <b>Vapor pressure</b>                                 | Not available                      |
| <b>Vapor density</b>                                  | Not available                      |
| <b>Specific gravity</b>                               | 1.006                              |
| <b>Relative density</b>                               | Not available                      |
| <b>Solubility (H2O)</b>                               | 100 %                              |
| <b>Octanol/H2O coeff</b>                              | Not available                      |
| <b>Auto-ignition temperature</b>                      | Not available                      |
| <b>Decomposition temperature</b>                      | Not available                      |
| <b>VOC (Weight %)</b>                                 | 0                                  |

## 10. Chemical Stability & Reactivity Information

|   |  |
|---|--|
| <b>Chemical stability</b>               | This is a stable material.                   |
| <b>Incompatible materials</b>           | Strong oxidizing agents. and reducing agents |
| <b>Hazardous decomposition products</b> | Carbon oxides.                               |

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**Possibility of hazardous reactions** Will not occur.

## 11. Toxicological Information

**Further information** This product has no known adverse effect on human health.

## 12. Ecological Information

**Ecotoxicity** This material is not expected to be harmful to aquatic life.

## 13. Disposal Considerations

**Disposal instructions** Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

### Department of Transportation (DOT) Requirements NON-BULK

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
CERCLA/SARA Hazardous Substances - Not applicable.

All components are on the U.S. EPA TSCA Inventory List.

### Occupational Safety and Health Administration (OSHA)

**29 CFR 1910.1200 hazardous chemical** No

### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**International regulations** The product does not need to be labelled in accordance with EC directives or respective national laws.

# DEFOAMER

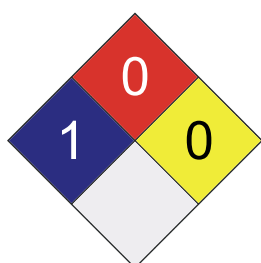
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## 16. Other Information

HMIS rating

|                     |     |
|---------------------|-----|
| Health              | / 1 |
| Flammability        | 0   |
| Physical Hazard     | 0   |
| Personal Protection | B   |

NFPA codes



**Prepared date**

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27-May-2005 11:19:37

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.