

# SAFETY DATA SHEET



## 1. IDENTIFICATION

### Product identifier

**Product Name** BSI-1300 Industrial General Purpose Defoamer

### Other means of identification

**Synonyms** N/A

### Recommended use of the chemical and restrictions on use

**Recommended use** Industrial

General purpose defoamer; Follow the directions for use on the label when applying this product

### **Manufacturer Address**

**Packers Chemical**  
3729 Peddle Hollow  
Road

Kieler, WI 53812

### Emergency telephone number

Company Phone Number 888-671-5266

**Emergency Phone Numbers** For Transportation Emergencies,  
call CHEMTREC: 1-800-424-  
9399

## 2. HAZARDS IDENTIFICATION

### Classification

OSHA Regulatory Status: This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

<b>Physical hazards</b>	
The product contains no substances which at their given concentration, are hazardous to health	
<b>Health hazards</b>	
The product contains no substances which at their given concentration, are hazardous to health	
<b>Environmental hazards</b>	
The product contains no substances which at their given concentration, are hazardous to health	
<b>Appearance</b>	Viscous
<b>Physical State</b>	Liquid
<b>Odor</b>	Mild

### Hazards not otherwise classified (HNOC)

Not Applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Non-hazardous components	Proprietary	90
Silicone compound	Proprietary	10

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after first 5 minutes, then continue rinsing eye. If eye irritation persists, get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing and shoes before reuse. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air. Consult a physician if necessary.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a doctor if you feel unwell.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Irritation. See Section 11 for symptom information
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## **Indication of any immediate medical attention and special treatment needed**

### **Notes to Physician**

Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Dry chemical; Water spray (fog); Carbon dioxide (CO<sub>2</sub>); Foam

### **Unsuitable extinguishing media**

No information available.

### **Specific Hazards Arising from the Chemical**

Sealed containers may rupture when heated.

**Hazardous combustion products:** Combustion products are toxic

### **Explosion data**

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment, and emergency procedures**

#### **Personal precautions**

Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.

#### **For emergency responders**

Isolate area. Keep unnecessary personnel away.

### **Environmental precautions**

#### **Environmental precautions**

Prevent entry into waterways, sewers, basements, or confined areas. See Section 12 for additional ecological information.

### **Methods and material for containment and cleaning up**

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Spilled material will make surfaces slippery. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Do not flush into surface water or sanitary sewer system.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

#### **Advice on safe handling**

Use personal protection recommended in Section 8. Avoid contact with skin, eyes, and clothing. Use only in well-ventilated areas. Avoid breathing vapors or mists. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage conditions**

Keep at temperatures between 4-38°C (40-100°F). Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep from freezing. Do not reuse container. Keep away from heat.

#### **Incompatible materials**

Oxidizers.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

### **Appropriate engineering controls**

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**                      Wear safety glasses with side shields (or goggles).

**Skin and Body Protection**                      Wear Protective Neoprene™ gloves or rubber gloves. Normal work clothing (long sleeved shirt and long pants) is recommended. Apron recommended.

**Respiratory Protection**                      No protective equipment is needed under normal use conditions. Provide adequate ventilation.

**General Hygiene Considerations**                      Wash face, hands, and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not eat, drink, or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Viscous	<b>Odor Threshold</b>	No information available
<b>Color</b>	White		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
<b>pH</b>	7.0	+/- 1 @ 21°C
<b>Melting/freezing point</b>	1°C / 34°F	None known
<b>Boiling point / boiling range</b>	100°C / 212°C	None known
<b>Flash Point</b>	>208°F (closed cup)	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
Upper flammability limits	No data available	None known
Lower flammability limits	No data available	None known
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	1.0 g/cc	None known
<b>Water Solubility</b>	Dispersible	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	1500 cSt @ 25°C	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>VOC Content (%)</b>	No data available	None known

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## 10. STABILITY AND REACTIVITY

### **Reactivity**

No data available

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

### **Conditions to avoid**

Keep away from heat and strong oxidizing agents. Keep from freezing.

### **Incompatible materials**

Oxidizers.

### **Hazardous Decomposition Products**

Carbon monoxide, carbon dioxide, and unburned hydrocarbons (smoke). Oxides of silicon. Aldehydes.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye Contact	Irritating to eyes.
Skin Contact	Prolonged contact may cause irritation.
Ingestion	May cause irritation.

### **Information on toxicological effects**

**Symptoms** May cause serious eye damage. Burning pain and severe corrosive skin damage.

### **Delayed and Immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA.
<b>Reproductive toxicity</b>	No information available.
<b>STOT – single exposure</b>	No information available.
<b>STOT – repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

### **Numerical measures of toxicity – Product information**

<b>Unknown Acute Toxicity</b>	100% of the mixture consists of ingredient(s) of unknown toxicity
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## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

### **Persistence and Degradability**

No information available.

### **Bioaccumulation**

No information available.

### **Mobility**

Dispersible in water

### **Other adverse effects**

No information available.

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### 13. DISPOSAL CONSIDERATIONS

#### Disposal of wastes

Dispose of in accordance with all applicable federal, state, and local regulations.

#### Contaminated packaging

Dispose of in accordance with all applicable federal, state, and local regulations.

### 14. TRANSPORT INFORMATION

#### DOT

Not regulated

### 15. REGULATORY INFORMATION

#### **Chemical Inventories**

**TSCA** No information available.

**DSL/NDSL** No information available.

**EINECS/ELINCS** No information available.

#### **LEGEND**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

#### **U.S. Federal Regulations**

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

##### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### **US State Regulations**

##### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

##### **U.S. State Right-To-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

##### **U.S. EPA Label Information**

<b>EPA Pesticide Registration Number</b>	Not Applicable
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## 16. OTHER INFORMATION

NFPA			
Health Hazards	Flammability	Instability	Physical and Chemical Properties
1	1	0	None

HMIS			
Health Hazards	Flammability	Physical Hazards	Personal Protection
1	1	0	B (safety glasses, gloves)

Prepared By

Issue Date

Revision Date

Version

Revision Note

Technical Department

09-Jun-2017

1-Jan-2024

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No information available

### Reference

#### General 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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The health hazards given on this SDS apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use. 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.

**End of Safety Data Sheet**