

Safety Data Sheet



BSI-1300 Industrial General Purpose Defoamer

Section 1

Product Description

Product Name:	BSI-1300 Industrial General Purpose Defoamer
Recommended Uses:	Industrial-general purpose
Distributor:	Best Sanitizers, Inc. PO Box 1360 Penn Valley, CA 95946
Chemical Information Emergency: Chemtrec	1.800.424.9300

Section 2

Hazard Information

OSHA Regulatory Status

This chemical 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)

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance—Viscous

Physical state—Liquid

Odor—Mild

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Hazards not otherwise classified (HNOC)

Not Applicable

Section 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.

Section 4

First Aid Measures

First Aid Measures

Eye Contact

Hold eye(s) 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(s). If eye irritation persists: Get medical advice/ attention.

Skin Contact

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.

Inhalation

Remove to fresh air. Call a physician immediately.

Ingestion

Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a doctor if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms

See Section 11 for symptom information.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

Section 5

Fire-Fighting Measures

Suitable Extinguishing Media

Dry Chemical. Water spray (fog), Carbon dioxide (CO₂), Foam.

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Unsuitable Extinguishing Media

No Information available.

Specific hazards arising from the chemical

Sealed containers may rupture when heated.

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.

Section 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.

Environment 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.

Section 7

Handling and Storage

Precautions for Safe Handling

Advice on Safe Handling Use personal protection recommended in Section 8. Avoid contact with skin, eyes or 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 temperatures between 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.

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Section 8

Protection Information

Exposure Guidelines

Appropriate Engineering Controls

Engineering Controls Showers, eyewash stations, ventilation system.

Individual Protection Measures, such as personal protective equipment

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

Skin and body protection Rubber gloves. Normal work clothing (long sleeved shirt and long pants.
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.

Section 9

Physical and Chemical Properties

Information on basic physical and chemical properties

Formula: See Section 3

Physical State: Liquid

Odor: Mild

Appearance: Viscous

Odor Threshold: No Information Available

Color: White

Property

Values

Remarks—Method

pH 7 ± 1 @ 21 °C

Melting Point/Freezing Point 1 ° C / 34 ° F

Boiling Point/ Boiling Range 100 ° C / 212 ° F

Flash Point No information available

Evaporation rate No information available

Flammability (solid, gas) No information available

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Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific Gravity	1.0 g/cc
Water solubility	Dispersible
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	1500 cSt @ 25 ° C
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Section 10

Stability and Reactivity Data

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.

Section 11

Toxicity Data

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 irritations.
Ingestion	May cause irritation.

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Information on toxicological effects

Symptoms

No Information Available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

No Information Available

Germ cell mutagenicity

No Information Available

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

Reproductive toxicity

No Information Available

STOT single exposure

No Information Available

STOT repeated exposure

No Information Available

Aspiration hazard

No Information Available

Unknown Acute Toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity

Section 12

Ecological Information

Ecotoxicity

100% of the mixture consists of ingredient(s) of unknown toxicity

Persistence and degradability

No Information Available.

Bioaccumulation

No Information Available.

Mobility

Dispersible

Other adverse effects

No information available.

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Section 13

Disposal Information

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

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

Section 14

Transport Information

DOT

Not regulated

Section 15

Regulatory Information

International 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

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization 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

Acute health hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of pressure hazard	No
No Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substance 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 Environment Response Compensation and Liability Act (CERCLA) (40 CFR 302). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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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 substance regulated by state right-to-know regulations.

U.S. EPA Label Information

EPA Pesticide Registration Number

Not Applicable

Section 16

Additional Information

<u>NFPA</u>	Health Hazards	Flammability	Instability	Physical and Chemical Properties
	1	0	0	None
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal protection
	1	0	0	B (safety glasses, gloves)

Prepared by: Technical Department

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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 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

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