

Material Safety Data Sheet

Defoamant B

Sandy Brae Laboratories, Inc.
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Emergency Telephone Number:
Medical or Transportation
CHEMTREC (24 hrs.) 800-424-9300

Section I - Product Identification

Chemical Names and Synonyms:
Silicone/Kerosene Mixture
Use or Description:
Defoamant

Section II - Typical Chemical and Physical Properties

Appearance: Straw Liquid Odor: Mild PH: NA
Viscosity at 100 F, SUS: 34.0 at 40 C, CS: 2.3
Viscosity at 210 F, SUS: 20.0 at 100C, CS: 1.5
Flash Point F (C): > 150 °F (66 °C) (ASTM D-56)
Melting Point F (C): NA Pour Point F (C): -20 (-29)
Boiling Point F (C): > 350 (177)
Relative Density, 15/4 C: 0.815 Solubility in Water: Negligible
Vapor Pressure - mm Hg 20C: < 1.0

NA= Not Applicable

NE= Not Established

D=Decomposes

Section III - Potentially Hazardous Ingredients

	Wt PCT (Approx)	Exposure Limits MG/M3 PPM		Sources (and Notes)
Kerosene (8008-20-6)	95	NE	NE	

See Sections XII and XIII for regulatory and further compositional data.

Note: Limits shown for guidance only. Follow applicable regulations.

Section IV - Health Hazard Data

Includes aggravated medical conditions, if established.

Effects of Overexposure: Moderate eye irritation. Moderate skin irritation. Respiratory irritation, dizziness, nausea, loss of consciousness. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

Section V - Emergency and First Aid Procedures

For Primary Routes of Entry

Eye Contact: Flush thoroughly with water for at least 15 minutes. Get medical assistance.

Skin Contact: Wash contact areas with soap and water. Launder contaminated clothing before reuse.

Inhalation: Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, use mouth-to-mouth resuscitation.

Ingestion: Do not induce vomiting. (Note to physician: Material if aspirated into the lungs may cause chemical pneumonitis. Treat appropriately.) Administer vegetable oil. Get medical assistance.

Section VI - Fire and Explosion Hazard Data

Flash Point F (C): >125(52) (ASTM D-56)

Flammable Limits: LEL: NE UEL: NE

Extinguishing Media: Carbon dioxide, foam, dry chemical and water fog.

Special Fire Fighting Procedures: Use water to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect men attempting to stop leak. Water spray may be used to flush spills away from exposures. For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.

Unusual Fire and Explosion Hazards: Material is combustible.

NFPA Hazard ID: Health: 0; Flammability: 2, Reactivity: 0

Section VII - Reactivity Data

Stability (Thermal, Light, etc.): Stable

Conditions to Avoid: Heat, sparks, flame and build up of static electricity.

Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition products: Carbon monoxide.

Hazardous Polymerization: Will not occur.

Section VIII - Spill or Leak Procedure

Environmental Impact: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

Procedures if Material is Released or Spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose at an appropriate waste disposal facility in accordance with current applicable laws and regulations.

Waste Management: The product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

Section IX - Special Protection Information

Eye Protection: Chemical type goggles should be worn.

Skin Protection: Impervious gloves should be worn.

Respiratory Protection: Approved respiratory protective equipment must be used in high vapor or mist concentrations.

Ventilation: Use in well ventilated area. Ventilation desirable and equipment should be explosion proof.

Section X - Special Precautions

Handling: Avoid contact with eyes. Avoid contact with skin.

Storage: This product has a limited shelf life. Store in a cool area.

Materials Must be Labeled as: Combustible. See Appendix for Precautionary Label: FL-158.

Section XI - Toxicological Data

Acute Toxicology

Oral Toxicity (Rats): Slightly toxic (estimated). Based on testing of similar products and/or the components.

Dermal Toxicity (Rabbits): Slightly toxic (estimated). Based on testing of similar products and/or the components.

Inhalation Toxicity (Rats): Not established.

Eye Irritation (Rabbits): May cause moderate irritation. Based on testing of similar products and/or the components.

Skin Irritation (Rabbits): May cause moderate irritation on prolonged or repeated contact. Based on testing of similar products and/or the components.

Chronic Toxicology (Summary)

Contains straight run middle distillates. Certain straight run middle distillates have been found to produce skin tumors in laboratory mouse skin-painting tests, but these have usually been associated with a high level of skin irritation. The relevance of this data to humans is not known since any irritation would normally result in immediate removal and would discourage further contact, particularly of any duration.

Section XII - Regulatory Information

Governmental Inventory Status: All components registered in accordance with TSCA and EINCS.

DOT:

Shipping Name: Kerosene
Hazard Class: Combustible liquid
ID Number: UN 1223
ERG Number: 27
Railroad STCC: 4915171

US OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined to be hazardous.

RCRA Information: The disposal of the unused product may be subject to RCRA regulations per 40 CFR 261 for the reasons including, but not limited to those listed below. Disposal of the used product may be regulated.

FLASH: > 125 (52) F (C)

U. S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no Extremely Hazardous Substances.

SARA (302) Reportable Hazard Categories: Fire Chronic

This product contains no chemicals reportable under SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

Chemical Name	CAS Number	List Citations
Kerosene	8008-20-6	7, 8, 9, 12, 14, 16, 17

Key to list Citations

1 = OSHA Z	5 = NCI	9 = DOT HMT	13 = MN RTK	17 = PA RTK
2 = ACGIH	6 = EPA CARC	10 = CA RTK	14 = NJ RTK	18 = CA P65
3 = IARC	7 = NFPA 49	11 = IL RTK	15 = MI 293	
4 = NTP	8 = NFPA 325M	12 = MA RTK	16 = FL RTK	

NTP, IARC, and OSHA include carcinogenic listings.

Note: Sandy Brae products are not formulated to contain PCBS.

Section XIII - Ingredients

Ingredient	Percent	CAS Number
Kerosene (8008-20-6) Petroleum Distillates Additives and/or other ingredients.	99.00	8008-20-6

Precautionary Label Text

Petroleum distillate

Danger.

Harmful or fatal if swallowed.

Vapor harmful. Combustible.

May cause skin irritation on prolonged, repeated skin contact.

Avoid prolonged breathing of vapor.

Keep away from heat and flame.

Keep container closed.

Use only with adequate ventilation.

Avoid prolonged or repeated skin contact.

First Aid: If swallowed, do not induce vomiting. Call a physician immediately. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and call a physician.

Attention:

Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings and precautions must be observed until the container has been thoroughly cleaned or destroyed.

Refer to product material safety data bulletin for further safety and handling information.

Appendix - FL -158

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.