

Material Safety Data Sheet

Defoamant A

Sandy Brae Laboratories, Inc.
119 A Sandy Drive
Newark, DE 19713 U.S.A.
Phone: 302-456-0446
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Emergency Telephone Number:

Medical or Transportation
CHEMTREC (24 hrs.) 800-424-9300

Section I - Product Identification

Chemical Names and Synonyms:

Dimethyl Siloxane Polymer in Kerosene

Use or Description:

Defoamant

Section II - Typical Chemical and Physical Properties

Appearance: Straw Liquid	Odor: Mild	PH: NE
Viscosity at 40 C, CS: 3.5		
Viscosity at 100 C, CS: NE		
Flash Point F (C): > 150 °F (66 °C)	(ASTM D-56)	
Melting Point F (C): NA	Pour Point F (C): NE	
Boiling Point F (C): NE	Voc: <100.00 (Wt. %); 7.787 lbs/gal.	
Relative Density, 15/4 C: 0.934	Solubility in Water: Negligible	
Vapor Pressure - mm Hg 20C: < 1.0		

NA= Not Applicable

NE= Not Established

D=Decomposes

Section III - Potentially Hazardous Ingredients

Exposure Limits

	TWA	STEL	NOTE
Wt. % Source	ppm/mg/m3	ppm mg/m3	

Kerosene (8008-20-6)	90%		
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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: Eye irritation. 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. Remove contaminated clothing. Launder contaminated clothing before reuse. Do not wear ordinary clothing wet with this product.

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

Ingestion: Do not induce vomiting. Give 1 or 2 glasses of water. Get medical assistance.

Note to Physicians: Material if aspirated into the lungs may cause chemical pneumonitis. Treat appropriately.

Section VI - Fire and Explosion Hazard Data

Flash Point F (C): > 130 (54) (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 personnel attempting to stop leak. Water spray may be used to flush spills away from exposures. Prevent run off from fire control or dilution from entering streams, sewers, or drinking water supply.

Special Protective Equipment: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

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: In case of accident or road spill notify CHEMTREC (800) 424-9300. Report 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.

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

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 inhalation of vapors. Avoid contact with eyes. Avoid contact with skin.

Storage: Store in a cool area.

Materials Must be Labeled as Follows: Combustible. May cause skin irritation. May cause eye irritation. See Appendix for Precautionary Label: FL-128

Section XI - Toxicological Data

Acute Toxicology

Oral Toxicity (Rats): Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.

Dermal toxicity (Rabbits): Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.

Inhalation Toxicity (Rats): Not established.

Eye Irritation (Rabbits): Irritant. (Draize score: greater than 15 but 35 or less). Based on testing of similar products and/or the components.

Skin Irritation (Rabbits): Irritant. (Primary Irritation Index: 3 or greater but less than 5). Based on testing of similar products and/or the components.

Chronic Toxicology (Summary)

Certain straight-run middle distilled 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 lab has conducted test that determined that the irritation produces the tumors. Therefore, if the precautions outlined in this bulletin are followed to minimize repeated or prolonged skin contact which could cause irritation, these oils should pose no carcinogenic hazard to humans. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

Section XII - Regulatory Information

Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, AICS, and MITI.

Note: The flash point of this material is > 130 F. Regulatory classifications vary as follows:

DOT: Flammable liquid or combustible liquid (49CFR 173.120 (b) (2))

OSHA: Combustible liquid

IATA/IMO: Flammable liquid

EC: Flammable liquid

Transport Information: Please see Section XIV.

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 Part 261 for the reasons including but not limited to ignitability, corrosivity, reactivity or formulation with the contaminants listed in the Toxicity Characteristics (TC) Rule as determined by the Toxicity Characteristics Leaching Procedure (TCLP).

FLASH: > 130 (54) F (C)

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no
EXTREMELY HAZARDOUS SUBSTANCES.

SARA (311/312) Reportable Hazard Categories:

Fire Chronic Acute

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	19, 21, 24, 25, 26

1 = ACGIH ALL	6 = IARC 1	11 = TSCA 4	17 = CA P65	22 = MI 293
2 = ACGIH A1	7 = IARC 2A	12 = TSCA 5a2	18 = CA RTK	23 = MN RTK
3 = ACGIH A2	8 = IARC 2B	13 = TSCA 5e	19 = FL RTK	24 = NJ RTK
4 = NTP CARC	9 = OSHA CARC	14 = TSCA 6	20 = IL RTK	25 = PA RTK
5 = NTP SUS	10 = OSHA Z	15 = TSCA 12b	21 = LA RTK	26 = RI RTK

CARC = Carcinogen; SUS = Suspected carcinogen

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

XIII - Ingredients

See container label for ingredient information.

XIV - Transport and Label Information

USA DOT:

Shipping Name: Kerosene
Hazard Class & Div: Combustible liquid
ID Number: UN 1223
ERG Number: 27
Packing Group: PG III
STCC: NE
Dangerous When Wet: No
Poison: No
Label(s): NA
Placard(s): Combustible
Product RQ: NA
Marpol III Status: NA

IMO:

Hazard Class & Div: 3.3
UN Number: 1223
Packing Group: PG III
Shipping Name: Kerosene
Label(s): Flammable Liquid
Marpol III Status: NA

ICAO/IATA:

Hazard Class & Div: 3
ID/UN Number: 1223
Packing Group: PG III
Shipping Name: Kerosene
Subsidiary Risk: NA
Label(s): Flammable Liquid

Precautionary Label Text:

Contains Petroleum Distillate.

Danger!

Harmful or fatal if swallowed.

Harmful if inhaled.

Combustible liquid and vapor.

May cause skin irritation on prolonged, repeated skin contact.

Avoid breathing of vapor or mist.

Keep away from heat and flame.

Keep container closed.

Use with adequate ventilation.

Avoid wearing of clothing soaked with material.

First Aid: If swallowed call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and call a physician.

In case of skin contact, wash contact areas with soap and water. Remove clothing wet the material. Wash clothing before reuse.

For industrial use only.

Not intended or suitable for use in or around a household or dwelling.

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

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.