

MATERIAL SAFETY DATA SHEET

SeaGel

Section I: MANUFACTURER'S NAME, ADDRESS, AND CONTACT INFORMATION

Seachem Laboratories, Inc.
1000 Seachem Drive
Madison, GA 30650

Emergency Telephone Number: 706-343-6060
Telephone Number for Information: 706-343-6060
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SECTION II: CHEMICAL INGREDIENTS/IDENTITY INFORMATION

Components (Chemical Identity; Common Names (s))	OSHA PEL	ACGIH TLV	Other Limits
Proprietary metal oxide and activated carbon	15 mg/m ³ (total dust)	10 mg/m ³	NA
		2.2 mg/m ³ time weighted average for respirable dust	

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	2.03
Vapor Pressure (mm Hg)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	Not soluble	Appearance and Odor	White and black odorless pellets

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	NA
Flammable Limits	NA
LEL	NA
UEL	NA
Extinguishing Media	Water spray, dry chemical, alcohol foam, carbon dioxide
Special Fire Fighting Procedures	Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece, operated in the pressure demand or other positive pressure mode.
Unusual Fire and Explosion Hazards	If allowed to smolder in enclosed container, may reach the LEL for carbon monoxide of 12.5%

SECTION V: REACTIVITY DATA

Stability	Stable under normal conditions of use
Conditions to Avoid	Reacts violently with chlorine trifluoride, producing flames. May cause ethylene oxide to polymerize violently, releasing heat.
Incompatibility (Materials to Avoid)	Chlorine trifluoride, ethylene oxide, strong oxidizers, strong acids
Hazardous Decomposition or Byproducts	Hydrocarbons and other materials that contact the product during normal use can be retained on the product. It is reasonable to expect that decomposition products will come from these retained materials of use.
Hazardous Polymerization	Will Not Occur
Polymerization Conditions to Avoid	NA

SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry: Inhalation (of dust), skin
Health Hazards (Acute and Chronic): Acute –irritation, coughing, chest discomfort. Chronic – Lung injury
Carcinogenicity: NA
Signs and Symptoms of Exposure: mild irritation, redness, swelling, itching, coughing, chest discomfort
Medical Conditions Generally Aggravated by Exposure: lung disease
Emergency and First Aid Procedures: Eye contact – flush with water for 15 minutes. Skin contact – wash with soap and water. Inhalation – remove victim to fresh air. Ingestion – drink at least two glasses of water and obtain medical attention. Never give anything by mouth to an unconscious person.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Sweep, shovel or vacuum spilled material into appropriate container for disposal. Do not use a vacuum if material has contacted a hydrocarbon material.
Waste Disposal Method: No special disposal method required, except that it be in accordance with current local authority regulations.
Precautions to Be Taken in Handling and Storing: Store in original container. Avoid dispersal of dust.
Other Precautions: In confined spaces, oxygen may be depleted by wet activated carbon.

SECTION VIII: CONTROL MEASURES

Respiratory Protection	If there is insufficient ventilation, wear suitable respiratory equipment with filter classification N-95, (or P-95 if oil/liquid aerosols are present.)
Ventilation	Natural, Local, Mechanical (General)
Protective Gloves	Recommended
Eye Protection	Recommended
Other Protective Clothing or Equipment	Work uniform
Work/Hygienic Practices	Good housekeeping practices

ABBREVIATIONS

ACGIH: The American Conference of Governmental Industrial Hygienists, Inc.

IARC: The International Agency for Research on Cancer

LEL: Lower Explosive Limit (or Lower Flammable Limit)

NA: Not Applicable

ND: Not Determined

NTP: The National Toxicology Program

OSHA: The Occupational Health and Safety Administration

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

UEL: Upper Explosive Limit (or Upper Flammable Limit)

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