

MATERIAL SAFETY DATA SHEET

Reef Kalkwasser

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
Date Prepared: 06 July 2006

SECTION II: CHEMICAL INGREDIENTS/IDENTITY INFORMATION

Components (Chemical Identity; Common Names (s))	OSHA PEL	ACGIH TLV	Other Limits
Calcium hydroxide	5mg/m ³	5mg/m ³	NA

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	5162 ⁰ F	Specific Gravity (H ₂ O = 1)	2.2
Vapor Pressure (mm Hg)	NA	Melting Point	1076 ⁰ F
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	0.077% @ 100 ⁰ C	Appearance and Odor	Odorless white powder

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	NA
Flammable Limits	NA
LEL	NA
UEL	NA
Extinguishing Media	NA
Special Fire Fighting Procedures	NA
Unusual Fire and Explosion Hazards	NA

SECTION V: REACTIVITY DATA

Stability	Stable under normal conditions of use
Conditions to Avoid	NA
Incompatibility (Materials to Avoid)	Acids, inter-halogens, phosphorus (V) oxide, water
Hazardous Decomposition or Byproducts	None
Hazardous Polymerization	Will Not Occur

Polymerization Conditions to Avoid	None
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SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry: Ingestion, inhalation, skin, eyes
Health Hazards: Acute-prolonged contact may irritate or burn skin, especially in the presence of moisture. Inhalation may irritate mucous membranes or respiratory passages. Direct eye contact may cause permanent damage; Chronic-long term exposure can cause irritation. Direct eye contact may cause permanent damage.
Carcinogenicity: NA
Signs and Symptoms of Exposure: Irritation of skin, eyes, and respiratory tract.
Medical Conditions Generally Aggravated by Exposure: Respiratory disease, skin condition.
Emergency and First Aid Procedures: Provide fresh air. Wash off dust with soap and water. Drink plenty of water if swallowed. Flush eyes with water immediately and contact physician.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Normal clean-up procedures. Avoid causing dust to become airborne.
Waste Disposal Method: Dispose of in accordance with current Federal, State, and Local authority regulations.
Precautions to Be Taken in Handling and Storing: Store away from water and acids.
Other Precautions: All materials should be handled under good housekeeping practices.

SECTION VIII: CONTROL MEASURES

Respiratory Protection	Dust filter masks are recommended
Ventilation	Local exhaust, mechanical exhaust
Protective Gloves	Recommended
Eye Protection	Recommended
Other Protective Clothing or Equipment	Long sleeved shirt and slacks to minimize contact with skin
Work/Hygienic Practices	Good housekeeping practices, minimize dust generation

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

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)

