

MATERIAL SAFETY DATA SHEET

Safe

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
Proprietary blend of complexed hydrosulfite salts.	ND	ND	NA

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	ND
Vapor Pressure (mm Hg)	NA	Melting Point	198 ^o C
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	800 g/l	Appearance and Odor	White powder, slight odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	363 ^o F (Pensky-Martens Closed Cup)
Flammable Limits	NA
LEL	NA
UEL	NA
Extinguishing Media	Water, carbon dioxide, dry chemical, foam
Special Fire Fighting Procedures	Firefighters should wear self-contained breathing apparatus due to hazardous decomposition products.
Unusual Fire and Explosion Hazards	Airborne dust may form explosive mixtures with air.

SECTION V: REACTIVITY DATA

Stability	Stable under normal conditions of use
Conditions to Avoid	Incompatibilities
Incompatibility (Materials to Avoid)	Acids
Hazardous Decomposition or Byproducts	Formaldehyde, sulfur dioxide

Hazardous Polymerization	Will Not Occur
Polymerization Conditions to Avoid	None

SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry: Inhalation, Ingestion, Eyes, Skin
Health Hazards (Acute): Inhalation-dust may irritate nasal and respiratory tract; Ingestion-slight to non-toxic; Eyes-Temporary eye irritation; Skin-May cause irritation
Carcinogenicity: NA
Signs and Symptoms of Exposure: See health hazards above.
Medical Conditions Generally Aggravated by Exposure: No information found.
Emergency and First Aid Procedures: Inhalation-remove to fresh air; Ingestion-symptomatic and supportive treatment; Eyes-flush with water; Skin-wash with soap and water, remove contaminated clothing.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Sweep and remove. Flush residue with water to drain.
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 away from acids.
Other Precautions: All materials should be handled under good housekeeping practices.

SECTION VIII: CONTROL MEASURES

Respiratory Protection	Use respirator NIOSH-approved for dust and mists.
Ventilation	Local exhaust
Protective Gloves	Recommended
Eye Protection	Recommended
Other Protective Clothing or Equipment	None
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)

