

MATERIAL SAFETY DATA SHEET

Flourish

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

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

Emergency Telephone Number: 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 aqueous solution of potassium chloride, calcium chloride, copper sulfate, magnesium chloride, ferrous gluconate, cobalt sulfate, magnesium sulfate, manganese sulfate, boric acid, sodium molybdate, zinc sulfate, and protein hydrolyzates. | ND | ND | NA |

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

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|-------------------------|------------------------|---|--------------------------------|
| Boiling Point | ND | Specific Gravity (H ₂ O = 1) | 1.01 |
| Vapor Pressure (mm Hg) | 23.8@25 ^o C | Melting Point | NA |
| Vapor Density (AIR = 1) | <1 H ₂ O | Evaporation Rate (Butyl Acetate = 1) | 0.3 |
| Solubility in Water | Soluble | Appearance and Odor | Clear brown liquid, faint odor |

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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|------------------------------------|----|
| 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

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|-----------|---------------------------------------|
| Stability | Stable under normal conditions of use |
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|---------------------------------------|----------------|
| Conditions to Avoid | None |
| Incompatibility (Materials to Avoid) | None |
| Hazardous Decomposition or Byproducts | None |
| Hazardous Polymerization | Will Not Occur |
| Polymerization Conditions to Avoid | None |

SECTION VI: HEALTH HAZARD DATA

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| Route(s) of Entry: Ingestion, Skin, Eyes |
| Health Hazards (Acute and Chronic): Large oral doses may cause irritation to the gastrointestinal tract. Irritation to the skin and eyes may occur. |
| Carcinogenicity: NA |
| Signs and Symptoms of Exposure: NA |
| Medical Conditions Generally Aggravated by Exposure: No information found. |
| Emergency and First Aid Procedures: Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice. For skin exposure, wash with soap and water. For eye exposure, flush with water for 15 minutes. |

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps to Be Taken in Case Material is Released or Spilled: Dilute with water and flush 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: None |
| Other Precautions: All materials should be handled under good housekeeping practices. |

SECTION VIII: CONTROL MEASURES

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| Respiratory Protection | Not required |
| Ventilation | Not required |
| 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)

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