

# MATERIAL SAFETY DATA SHEET

## Flourish Potassium

### 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 |
|--|----------|-----------|--------------|
| Aqueous solution of potassium sulfate.           | NA       | NA        | NA           |

### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

|                         |                        |   |                        |
|-------------------------|------------------------|---|------------------------|
| Boiling Point           | 100.3 <sup>o</sup> C   | Specific Gravity (H <sub>2</sub> O = 1) | 1.07                   |
| Vapor Pressure (mm Hg)  | 23.8@25 <sup>o</sup> C | Melting Point                           | NA                     |
| Vapor Density (AIR = 1) | <1 H <sub>2</sub> O    | Evaporation Rate (Butyl Acetate = 1)    | 0.3                    |
| Solubility in Water     | Soluble                | Appearance and Odor                     | Clear, odorless liquid |

### 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                   | 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, Inhalation  |
| Health Hazards (Acute): Ingestion-May lead to gastrointestinal disturbances and irritation; Skin-Repeated contact may cause drying of the skin; Eyes-May cause eye irritation; Inhalation-May cause sneezing or coughing. |
| Carcinogenicity: NA   |
| Signs and Symptoms of Exposure: See health hazards above.   |
| Medical Conditions Generally Aggravated by Exposure: ND   |
| Emergency and First Aid Procedures: Ingestion-Give two glasses of water to dilute, contact a physician; Skin-Wash with soap and water; Eyes-flush with water; Inhalation-Remove to fresh air.                             |

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

|   |
|---|
| Steps to Be Taken in Case Material is Released or Spilled: Dilute with water and wash 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: NA   |
| Other Precautions: All materials should be handled under good housekeeping practices.   |

## SECTION VIII: CONTROL MEASURES

|  |                             |
|--|-----------------------------|
| 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)

PAGE

