

# MATERIAL SAFETY DATA SHEET

## Pond Acid Buffer

### 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 aqueous solution of a non-phosphate buffer	NA	NA	NA

### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	101 <sup>o</sup> C	Specific Gravity (H <sub>2</sub> O = 1)	1.00
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

Route(s) of Entry: Skin, Eyes, Ingestion
Health Hazards (Acute ): Irritation of the gastrointestinal tract, redness and irritation of skin and eyes
Carcinogenicity: NA
Signs and Symptoms of Exposure: Irritation and redness of skin and eyes.
Medical Conditions Generally Aggravated by Exposure: NA
Emergency and First Aid Procedures: Skin, eyes: flush with water; Ingestion-dilute by giving several glasses of water to drink.

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Dilute with water and flush to drain
Waste Disposal Method: In accordance with local, state, and Federal authorities
Precautions to Be Taken in Handling and Storing: NA
Other Precautions:NA

## SECTION VIII: CONTROL MEASURES

Respiratory Protection	Not required
Ventilation	Not required
Protective Gloves	Not required
Eye Protection	Recommended
Other Protective Clothing or Equipment	Not required
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

TWA: Time Weighted Average

UEL: Upper Explosive Limit (or Upper Flammable Limit)

