

# MATERIAL SAFETY DATA SHEET

## MANUFACTURER INFORMATION

Name: Atlantic Laboratories  
Address: 41 Cross St.  
Waldoboro, ME 04572

Emergency Phone No: (207) 832-5376  
Information Phone No: (207) 832-5376

## PRODUCT IDENTIFICATION

Product Name: Nitrozyme  
Product Use: Plant Growth Regulator  
CAS Name: N/A  
CAS No: N/A  
NIOSH Registry No: Not Registered

## SHIPPING INFORMATION

DOT (HAZMAT) Proper Shipping Name: None  
ID# None  
DOT Label: None  
U.S. Surface Freight Classification: None  
Pollutant Category: None  
Group #: None  
CHRIS Code: None

## NFPA Rating

Health

Fire

Reactivity

Special Hazard

## HAZARDOUS COMPONENTS

Specific Chemical Identity: Common Names(s)	CAS Reg#	Inclusion Rate	OSHA PEL	ACGIH TLV
Phosphoric Acid	7664-38-2	2%	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

## PHYSICAL CHARACTERISTICS

Boiling Point:	218° F
Vapor Pressure (mm Hg):	unknown
Vapor Density (Air = 1):	unknown
Water Solubility:	100%
Physical State:	Liquid
pH (1:1 w/water)	4.7
Specific Gravity (H <sub>2</sub> O=1):	1.03 – 1.24
Melting Point:	N/A
Evaporation Rate:	N/A
Appearance:	Viscous Liquid
Color:	Black
Odor:	Slight seaweed odor

## FIRE AND EXPLOSION HAZARD

Flash Point (Method):	N/A
Smoke Point:	N/A
Fire Point:	N/A
Flammable Limits (LEL / UEL):	N/A
Extinguishing Media:	N/A
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	N/A

Auto Ignition Temperature: unknown

Auto Decomposition Temperature: unknown

### REACTIVITY

Stability:  Stable  Unstable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization:  May Occur  Will Not Occur

Conditions to Avoid: N/A

### HEALTH HAZARD DATA

Routes of Entry:  Inhalation  Skin  Ingestion

Health Hazards (Acute and Chronic): Non-Toxic

Carcinogenicity:  NTP?  IARC Monographs?  OSHA Regulated?  None Known

Signs and Symptoms of Exposure: None Known

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures: Wash with soap and water.

### PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Employ normal sanitation procedures. Spills may produce slippery surfaces. Clean with water.

Waste Disposal Method: Normal sewage disposal.

Precautions to be Taken in Handling and Storing: N/A

Other Precautions: N/A

## Control Measures

Respiratory Protection:	N/A
Ventilation:	N/A
Protective Gloves:	N/A
Eye Protection:	Safety Goggles
Other Protective Clothing or Equipment:	N/A
Work / Hygienic Practices:	Wash with soap and water

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