

## **SAFETY DATA SHEET**

### **1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Pharagent

Recommended Use: pH Booster

**Paradigm Labs Inc.**  
**P.O. Box 138**  
**Pine Grove, PA 17963**

EMERGENCY TELEPHONE NUMBER  
(570)345-2600

### **2. HAZARDS IDENTIFICATION**

**Hazardous Classification:** Non-hazardous

**Potential Acute Health Effects:** Skin and eye irritant. Slightly hazardous in case of ingestion.

**Precautionary Statement:**

**Prevention:** Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Specific treatment: see supplemental first aid information. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting.

**Storage/Disposal:** Store locked up. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**General Information:** Read the entire SDS for a more thorough evaluation of the hazards.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS#	WEIGHT %
Sodium Hydroxide	1310-73-2	< 5%
Sodium Carbonate	497-19-8	10-20%
Water	7732-18-5	80-90%

The exact percentages are considered trade secrets of Paradigm Labs, Inc.

### **4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

**Eye contact:** Check and remove any contact lenses. Immediately flush eyes with water for at least 15 minutes. SEEK MEDICAL ATTENTION IMMEDIATELY.

**Skin contact:** Immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing and shoes before reuse. Get medical attention.

**Ingestion:** Force large quantities of water. DO NOT INDUCE VOMITING!! SEEK MEDICAL ATTENTION IMMEDIATELY.

### **5. FIRE FIGHTING MEASURES**

**Extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.

**Special exposure hazards:** None.

**Firefighting equipment:** Appropriate PPE and SCBA should be worn.

### **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Spill area may be slippery. Wear appropriate protective equipment (See Section 8).
<b>Methods for cleaning up:</b>	Spill/Leak Clean up – Contain spill for reclaiming or disposal. Dilute with large quantities of water. Neutralize with sulfuric acid to form inert salts. Dispose of in accordance with Federal, State & Local Regulations.
<b>Environmental precautions:</b>	Prevent liquid from entering sewers or waterways.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear appropriate protective equipment (See Section 8). Avoid direct contact.
<b>Storage:</b>	Keep container tightly closed. Keep away from heat. Store at 60° F - 90° F. Protect from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure controls:</b>	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Wash hands thoroughly after handling chemicals.
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### Personal Protection

<b>Respiratory:</b>	Respiratory protection program meeting OSHA 1910.134 and ANSI 288.2 requirements must be followed.
<b>Eye Protection:</b>	Splash Proof Safety Goggles should always be worn. Eye wash fountain near if needed.
<b>Hands:</b>	Chemical resistant gloves should be worn. Safety shower if needed.
<b>Skin:</b>	PPE for the body should be selected based on the task being performed and the risks involved.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (physical state, color, etc.):** Clear Liquid

**Upper/lower flammability or explosive limits:** N/A

**Vapor Density:** N/D

**Odor threshold:** None

**Weight Solids:** N/D

**pH of solution:** >12

**Relative density:** N/D

**Melting point/freezing point:** N/D

**Solubility:** Soluble

**Initial boiling point and boiling range:** 100° C

**Flash Point:** N/D

**Evaporation Rate:** N/A

**Flammability (solid, gas):** N/A

**Partition coefficient: n-octanol/water:** N/A

**Auto-ignition temperature:** N/A

**Decomposition temperature:** N/A

**Viscosity:** N/D

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	None
<b>Chemical Stability:</b>	This product is stable, under normal conditions.
<b>Hazardous reaction:</b>	Under normal conditions, hazardous reaction will not occur.
<b>Conditions to avoid:</b>	Extreme temperatures.

## 11. TOXICOLOGICAL INFORMATION

<b>Oral LD<sup>50</sup> (Rat):</b>	Yes
<b>Dermal LD<sup>50</sup> (Rabbit):</b>	Yes
<b>Inhalation LC<sup>50</sup>:</b>	N/D
<b>Primary skin irritation:</b>	Yes
<b>Primary eye irritation:</b>	Yes

## 12. ECOLOGICAL INFORMATION

<b>EC<sup>50</sup> (bacterium):</b>	N/D
<b>LC<sup>50</sup> (rainbow trout):</b>	N/D
<b>BOD:</b>	N/D
<b>COD:</b>	N/D
<b>Heavy metals:</b>	N/D

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**13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal:** Keep away from natural water sources. Observe all applicable federal, state, and local regulations.

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**14. TRANSPORTATION INFORMATION**

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**DOT Classification:** Not a DOT controlled material (United States)

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**15. REGULATORY INFORMATION**

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**OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)**

☐ Hazardous ☒ Non-Hazardous

**CERCLA/SUPERFUND (40 CFR 117, 302)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**SARA HAZARD CATEGORIES (40 CFR 370)**

☐ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive ☒ None

**SARA TOXIC SUBSTANCES (40 CFR 372)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

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**16. OTHER INFORMATION**

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**ABBREVIATIONS**

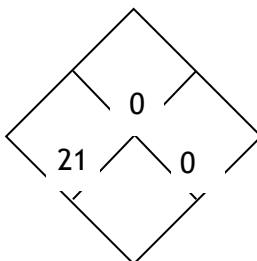
C:	Ceiling limit	N/A:	Not Applicable	N/D:	Not determined
N/E:	Not established	N/K:	Not known	RQ:	Reportable quantity
TPQ:	Threshold Planning Quantity				

**Issue Date:** 10/13/2014  
**Revision Date:** 3/23/2017  
**Revision Number:** 4  
**Template:** Non-Hazardous  
**Prepared by:** SDS Coordinator  
**Reasons for Revision:** Safety Information

**Hazardous Material Information System**

Health	2
Flammability	0
Physical Hazards	0
Personal Protection	

The customer is responsible for determining the PPE code for this product.

**National Fire Protection Association**

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