

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

Personal Precautions:	Spill area may be slippery. Wear appropriate protective equipment (See Section 8).
Methods for cleaning up:	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.
Environmental precautions:	Prevent liquid from entering sewers or waterways.

7. HANDLING AND STORAGE

Handling: Wear appropriate protective equipment (See Section 8). Avoid direct contact.

Storage: Keep container tightly closed. Keep away from heat. Store at 60°F - 90°F. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Wash hands thoroughly after handling chemicals.

Personal Protection

Respiratory: Respiratory protection program meeting OSHA 1910.134 and ANSI 288.2 requirements must be followed.

Eye Protection: Splash Proof Safety Goggles should always be worn. Eye wash fountain near if needed.

Hands: Chemical resistant gloves should be worn. Safety shower if needed.

Skin: 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

Reactivity: None

Chemical Stability: This product is stable, under normal conditions.

Hazardous reaction: Under normal conditions, hazardous reaction will not occur.

Conditions to avoid: Extreme temperatures.

11. TOXICOLOGICAL INFORMATION

Oral LD₅₀ (Rat): Yes

Dermal LD₅₀ (Rabbit): Yes

Inhalation LC₅₀: N/D

Primary skin irritation: Yes

Primary eye irritation: Yes

12. ECOLOGICAL INFORMATION

EC₅₀ (bacterium): N/D

LC₅₀ (rainbow trout): N/D

BOD: N/D

COD: N/D

Heavy metals: N/D

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

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

15. REGULATORY INFORMATION

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.

16. OTHER INFORMATION

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

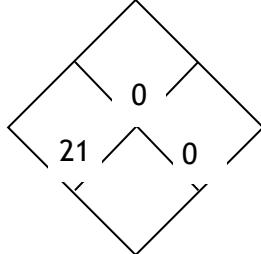
Reasons for Revision: Safety Information

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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