

## SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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Product Name: PHARAGENT



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

EMERGENCY TELEPHONE NUMBER  
(570)345-2600

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### 2. HAZARDS IDENTIFICATION

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**Physical State:** Liquid  
**Odor:** None  
**Color:** Clear

**OSHA/HCS Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

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

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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CHEMICAL NAME	CAS#	WEIGHT %
Sodium Hydroxide	1310-73-2	10-20%
Sodium Carbonate	497-19-8	<10.0%
The Balance of the product is nonhazardous		

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### 4. FIRST AID MEASURES

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**Inhalation:** Move to fresh air. SEEK MEDICAL ATTENTION IMMEDIATELY.

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

**Skin contact:** Thoroughly wash with soap and water. SEE MEDICAL ATTENTION IMMEDIATELY.

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

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### 5. FIRE FIGHTING MEASURES

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**Flash Point and Method:** Not determined.

**Hazardous Thermal Decomposition Products:** Decomposition products may include the following materials: Carbon Dioxide, water vapor

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

**Special exposure hazards:** None.

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

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### 6. ACCIDENTAL RELEASE MEASURES

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**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 in accordance with Federal, State & Local regulations.

**Environmental precautions:** Prevent liquid from entering sewers or waterways.

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**7. HANDLING AND STORAGE**

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

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

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**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:** In case of inadequate ventilation wear respiratory protection.

**Eye Protection:** Splash Proof Safety Glasses should always be worn. Eye was fountain near if needed.

**Hands:** Chemical resistan gloves should always be worn. Safety shower near if needed.

**Skin:** PPE for the body should be selected based on the task being performed and the risks involved.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**State:** Liquid

**Color:** Clear

**Odor:** None

**Boiling Point :** 100 °C

**Weight Solids:** N/D

**Density:** N/D

**Specific Gravity @20 °C:** 1.22

**Viscosity:** N/D

**Water Solubility:** Soluble

**pH of solution:**>12

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**10. STABILITY AND REACTIVITY**

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

**Hazardous polymerization:** Under normal conditions, hazardous polymerization will not occur.

**Conditions to avoid:** Extreme temperatures

**Hazardous decomposition products:** carbon dioxide, water vapors

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**11. TOXICOLOGICAL INFORMATION**

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**Oral LD<sub>50</sub> (Rat):** Yes

**Dermal LD<sub>50</sub> (Rabbit):** Yes

**Inhalation LC<sub>50</sub>:** N/D

**Primary skin irritation:** Yes

**Primary eye irritation:** Yes

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**12. ECOLOGICAL INFORMATION**

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**EC<sub>50</sub> (bacterium):** N/D

**LC<sub>50</sub> (rainbow trout):** N/D

**BOD:** N/D

**COD:** N/D

**Heavy metals:** Oxidize/Corrosion

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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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**Proper shipping name** Sodium Hydroxide Solution

**DOT Hazard Classification:** Corrosive liquid, 8, PGII (UN # UN1824)

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**15. REGULATORY INFORMATION**

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

[x ] 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)**

[x] 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.

**US TOXIC SUBSTANCES CONTROL ACT/INVENTORY STATUS:**

The substances in this product are listed on the TSCA inventory.

**HARMONIZED TARIFF SCHEDULE CODE (UNITED STATES 2005):****STATE REGULATIONS:**

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**16. OTHER INFORMATION**

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**ABBREVIATIONS**

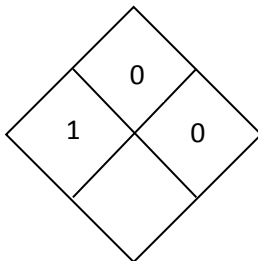
C:	Ceiling limit	N/A:	Not Applicable	N/D:	Not determined
N/E:	Not established	N/K:	Not known	RQ:	Reportable quantity
TPQ:	Threshold Planning Quantity				

<b>Date Prepared:</b>	10/13/2014
<b>Date of previous version:</b>	N/A
<b>Version:</b>	3 ( Hazardous)
<b>Prepared by:</b>	SDS Coordinator
<b>Reasons for Revision:</b>	N/A

**Hazardous Material Information System**

Health	3
Flammability	0
Physical Hazards	1
Personal Protection	B

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

**National Fire Protection Association**

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THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION, WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.