

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Defoamer Keystone - 10K

Recommended Use: All proper and legal purposes.

Company Name: Paradigm Labs, Inc.
Company Address: PO Box 138
Pine Grove, PA 17963

Emergency Phone Number: (570) 345-2600

2. HAZARDS IDENTIFICATION

Hazardous Classification: Nonhazardous

Signal Word: N/A

Hazard Statement: N/A

Precautionary Statement: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SOS contains valuable information critical to the safe handling and proper use of the product. This SOS should be retained and available for employees and other users of this product.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#	WEIGHT%
Polydimethylsiloxane	9016-00-6	10% - 15%

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

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Call a physician, if symptoms occur.

Eye contact: Check and remove any contact lenses. Immediately flush eyes with water for at least 15 minutes.

Skin contact: Thoroughly wash with soap and water.

Ingestion: Drink two glasses of water and call a physician if symptoms occur.

5. FIRE FIGHTING MEASURES

Hazardous Thermal Decomposition Products: Decomposition products may include the following materials:

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

Special exposure hazards: None.

Firefighting equipment: Appropriate PPE and SCBA should be worn if entering an enclosed area.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective equipment (See Section 8).

Methods for cleaning up: Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread.

Environmental precautions: Prevent liquid from entering sewers or waterways.

7. HANDLING AND STORAGE

Handling:	Wear appropriate protective equipment (See Section 8). Avoid skin contact.
Storage:	Keep container tightly closed. Keep away from heat, and sunlight. 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:	In case of inadequate ventilation wear respiratory protection.
Eye Protection:	Safety Glasses complying with approved standards should be worn.
Hands:	While this is a nonhazardous product, it is always prudent to wear gloves.
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.): White liquid emulsion
Upper/lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Odor threshold: Mild, pleasant odor
Weight Solids: ND
pH of solution: 8 ± 1
Relative density: N/O
Melting point/freezing point: N/D
Solubility: Disperses
Initial boiling point and boiling range: ~~100~~
Flash Point: N/A
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: 1,000-2,500

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 and pH's

11. TOXICOLOGICAL INFORMATION

Oral LD ₅₀ (Rat):	N/D
Dermal LD ₅₀ (Rabbit):	N/O
Inhalation LC ₅₀ :	N/D
Primary skin irritation:	N/O
Primary eye irritation:	N/O

12. ECOLOGICAL INFORMATION

EC ₅₀ (bacterium):	N/D
LC ₅₀ (rainbow trout):	N/O
BOD:	N/D
COD:	N/O
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

Proper shipping name: Nonhazardous liquid
DOT Hazard Classification: Not Regulated

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

[] Hazardous [X] 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 [X] 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):

16. OTHER INFORMATION

ABBREVIATIONS

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

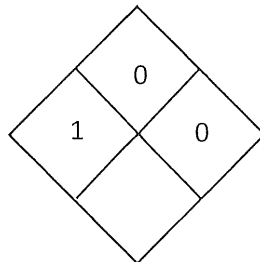
Date Prepared: 2/14/24
Date of previous version: N/A
Revision Date: N/A
Version: 1 (Non Hazardous)
Prepared by: SOS Coordinator
Reasons for Revision: Chemical information

Hazardous Material Information System

Health	1
Flammability	0
Physical Hazards	0
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.