

# SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Chem-Stik LpH™**  
Supplier: Precision Laboratories, LLC  
1429 S. Shields Drive  
Waukegan, IL 60085  
Product Use: Nonionic Spreader-Sticker and pH Buffer  
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
Customer Service, call: (847) 596-3001

## 2. HAZARDS IDENTIFICATION

### GHS Classification:

Skin Irritation, Category 2, H315

Eye Irritation, Category 2, H319



H314, H318 H351

**Signal Word:** Warning

### Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

### Precautionary Statements:

#### Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash protective equipment and work clothes thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P308+P313: IF exposed or concerned: Get medical advice or attention.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Treat symptomatically.

P332+P313: If skin irritation occurs: Get medical advice or attention.

P337+P313: If eye irritation persists: Get medical attention or advice.

P362+P364: Take off contaminated clothing and wash it before reuse.

#### Storage

P405: Store locked up.

#### Disposal

P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Component</u>  | <u>CAS Number</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Weight %</u> |
|---|-------------------|-----------------|------------------|-----------------|
| Proprietary Blend of Surfactants, Solvent, Base Oil and Diluent |                   |                 |                  | 100             |

## SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

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### 4. FIRST AID MEASURES

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**IF SWALLOWED:** Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**IF exposed or concerned:** Get medical advice or attention.

**Medical Conditions Aggravated by Overexposure:** Repeated or prolonged exposure is not known to aggravate medical condition.

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### 5. FIREFIGHTING MEASURES

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**Suitable Extinguishing media:** Water spray, foam, CO<sub>2</sub>, or dry chemicals may be used in areas where this product is stored. Do not use water jet.

**PPE and Precautions:** Fire fighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

**Additional Fire and Explosion Data:** Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems. Use water-spray to cool fire exposed surfaces and personnel.

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### 6. ACCIDENTAL RELEASE MEASURES

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**In Case of Spill:** Evacuate the spill area, except for cleanup personnel. Wear personal protective equipment (PPE). Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal.

**Disposal:** Product is slippery under foot; flush smooth surfaces thoroughly. Dispose of collected waste in accordance with federal, state and local regulations.

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### 7. HANDLING AND STORAGE

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**Precautions to be Taken in Handling:** Keep container sealed when not in use. Safety goggles and eyewash recommended. USDA-accepted nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Precautions to be Taken in Storage:** **Store locked up.** Product should be stored in a dry place. Do not store together with food, beverage and animal feed.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Note:** When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

**Component Exposure Limits:**

This product contains the following Ingredient(s), at greater than 0.1%, with established limits for exposure under OSHA, ACGIH and/or NIOSH.

0000056-81-5 Glycerol OSHA TWA 15 mg/m<sup>3</sup> (total) TWA 5 mg/m<sup>3</sup> (resp)

ACGIH TWA: 3 mg/m<sup>3</sup> (respirable) 10 mg/m<sup>3</sup> (mist)

NIOSH No established RELs

0000091-20-3 Naphthalene OSHA TWA 10 ppm (50 mg/m<sup>3</sup>) STEL 15 ppm

ACGIH TWA: 10 ppm STEL: 15 ppm Skin 2B

# SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

NIOSH TWA 10 ppm (50 mg/m<sup>3</sup>) ST 15 ppm (75 mg/m<sup>3</sup>)

Proprietary Distillates, petroleum, hydrotreated light paraffinic

OSHA TWA: 5mg/m<sup>3</sup> as Oil Mist, if Generated

ACGIH TWA: 5mg/m<sup>3</sup> STEL: 10 mg/m<sup>3</sup> as Oil Mist, if Generated

NIOSH No Established Limit

Proprietary Paraffin oils (petroleum), catalytic dewaxed light; Base oil-unspecified

OSHA TWA: 5 mg/m<sup>3</sup> 8 hours.

ACGIH TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction

NIOSH TWA: 5 mg/m<sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m<sup>3</sup> 15 minutes. Form: Mist

This product contains the following ingredient (at greater than 0.1%) that is suspected of causing cancer.

0000091-20-3 Naphthalene OSHA Select Carcinogen: No

NTP Known: No; Suspected: Yes

IARC Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No

**Eye/Face Protections:** Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

**Skin Protection:** Wear chemically impervious gloves, long-sleeved shirt, pants, socks and shoes to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

**Respiratory Protection:** Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

**General Protection:** Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

**Note:** Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

**Personal Protection in Case of Large Spill:** Splash goggles, full suit, boots and gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |                         |                            |              |
|-----------------------------|-------------------------|----------------------------|--------------|
| Appearance:                 | Off-white opaque liquid | LEL:                       | N/A          |
| Odor:                       | Solvent                 | Vapor Pressure:            | N/D          |
| pH (1% in distilled water): | 2.5 to 3.5              | Vapor Density:             | N/D          |
| Melting Point:              | N/D                     | Relative Density:          | 1.04 to 1.05 |
| Freezing Point:             | N/D                     | Solubility in water:       | Dispersible  |
| Boiling Point:              | N/D                     | Partition Coefficient:     | N/D          |
| Flash Point:                | >200°F SETA Closed Cup  | Autoignition Temperature:  | N/D          |
| Evaporation Rate:           | N/D                     | Decomposition Temperature: | N/D          |
| Flammability:               | N/A                     | VOC:                       | N/D          |
| UEL:                        | N/A                     | Viscosity:                 | N/D          |

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable under normal conditions.

**Possibility of Hazardous Reactions:** Reactive with Aluminum and other susceptible metals.

**Condition to Avoid:** Extreme heat /open flame/ incompatibles

**Incompatible Materials:** Strong Acids, Strong Bases, Oxidizing agents, Alkalis

**Hazardous Decomposition Products:** Not anticipated under normal conditions of use.

# SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

## 11. TOXICOLOGICAL INFORMATION

Oral LD50, mg/kg > 5,000

Skin LD50, mg/kg > 5,000

## 12. ECOLOGICAL INFORMATION

Quantitative data on the ecological effects of this product are not available.

## 13. DISPOSAL CONSIDERATIONS

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.  
Disposal Instructions: Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.  
Container Reuse: An empty container may hold product residue and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. **Dispose of container to disposal plant in accordance with federal, state and local regulations.**

## 14. TRANSPORT INFORMATION

DOT Status (Highway and rail): Not regulated

IATA Status (Air):

IMDG Status (Sea): UN3802 Environmentally hazardous substance, liquid n.o.s (contains nonylphenol polyethylene glycol ether). 9 PGIII, Marine Pollutant

Marine Pollutant: Yes

## 15. REGULATORY INFORMATION

SARA HAZARD: EPCRA 311/312 Chemicals and RQs (lbs) (>0.1%):

Naphthalene (100.00) – Less than 0.15%

Phosphoric acid (5,000.00) – Less than 1.0 %

TSCA: No components listed

State Regulations: This product contains the following components that are regulated under California Proposition 65:  
To the best of our knowledge, there are no chemicals at levels that require reporting under this statute.

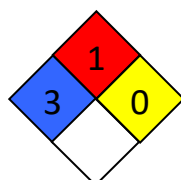
| Ingredient Name | CAS Number | Cancer List | Reprod. List |
|-----------------|------------|-------------|--------------|
| 1,4-Dioxane     | 123-91-1   | Yes         | No           |
| Ethylene Oxide  | 75-21-8    | Yes         | Yes          |
| Formaldehyde    | 50-00-0    | Yes         | No           |
| Naphthalene     | 91-20-3    | Yes         | No           |
| Propylene Oxide | 75-56-9    | Yes         | No           |

## 16. OTHER INFORMATION

HMIS Hazard Rating

|                     |   |
|---------------------|---|
| HEALTH              | 3 |
| FLAMMABILITY        | 1 |
| REACTIVITY          | 0 |
| PERSONAL PROTECTION | X |

NFPA Rating



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PRECISION LABORATORIES, LLC

Date Prepared: February 14, 2014

Last Updated: June 21, 2017

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.