

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Cascade™ Plus**
Supplier: PRECISION LABORATORIES, LLC
1429 S. SHIELDS DRIVE
WAUKEGAN, IL 60085
Product Use: Soil Surfactant
CAS Number: Proprietary
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
For MSDS, Product Safety or Regulatory inquiries, call: (847) 596-3001
Customer Service, call: (800) 323-6280

2. HAZARDS IDENTIFICATION

Reportable Components: None



Primary Routes of Exposure: Eyes and Skin
Ingestion: May cause nausea, vomiting and diarrhea.
Eye Contact: May cause irritation and reddening.
Skin Contact: May cause irritation and reddening.
Inhalation: May cause respiratory and mucosal irritation.
Other Effects:

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS Number</u> | <u>Weight %</u> |
|------------------|-------------------|-----------------|
| Mixture | Proprietary | 100% |

4. FIRST AID MEASURES

If in Eyes: Check for and remove contact lenses. Immediately flush eyes with water for at least 15 minutes. Cold water may be used. Seek medical attention if irritation occurs.
If on Skin: Wash affected area with plenty of soap and water. Cold water may be used. Seek medical attention if irritation develops.
If Swallowed: Do not induce vomiting unless directed to do so by medical personnel. Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. If large quantities are swallowed, seek immediate medical attention.
If Inhaled: Move individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.
Medical Conditions Aggravated by Overexposure: None known

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water, foam, CO₂, or dry chemicals.
Specific Hazards:
PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Evacuate the spill area, except for cleanup personnel. Wear NIOSH/MSHA-approved respirator and protective equipment. Control spill with adsorbent pads or booms. If necessary, apply granular or loose adsorbent to spill. When absorbed, sweep or otherwise collect and dispose of properly.

Disposal: Dispose of in accordance with federal, state or province, and local regulations.

7. HANDLING AND STORAGE

Keep away from heat, sparks and flame. Keep container closed. Safety goggles with full-face shield and eyewash recommended. USDA-accepted Nitrile (CFR-20) or Neoprene Rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation. To avoid fire minimize ignition sources. Product should be stored in a dry place with temperatures above 30° F. Partially used containers should be resealed between uses for maximum storage stability.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: N/D

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

Skin Protection: Wear coveralls and boots 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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|------------------|----------------------------|----------------------|
| Appearance: | Clear liquid | UEL: | N/D |
| Odor: | No distinct odor | LEL: | N/D |
| Odor Threshold: | N/D | Vapor Pressure: | N/D |
| pH: | 6.5 ± 1 | Vapor Density: | N/D |
| Melting Point: | N/D | Relative Density: | 8.495 lb/gal |
| Freezing Point: | N/D | Solubility: | Dispersible in water |
| Boiling Point: | >212°F | Partition Coefficient: | N/D |
| Flash Point: | N/D | Autoignition Temperature: | N/D |
| Evaporation Rate: | N/A | Decomposition Temperature: | N/D |
| Flammability: | N/D | | |

10. STABILITY AND REACTIVITY

Stability: Stable

Possibility of Hazardous Reactions: Hazardous polymerization will not occur

Condition to Avoid:

Incompatible Materials: Strong acids and oxidizing agents

Hazardous Decomposition Products: None known

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

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 can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): Not Regulated

IATA Status (Air): Not Regulated

Marine Pollutant: No

15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

SARA HAZARD: No

16. OTHER INFORMATION

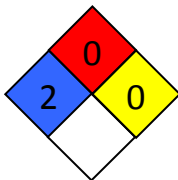
HMIS Hazard Rating

Health: 2

Flammability: 0

Reactivity: 0

Personal Protection: X



Date Prepared: October 18, 2013

Last Updated: October 18, 2013

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.