

# SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product Name: **Cascade™ Tre**  
Supplier: Precision Laboratories, LLC  
10016-55<sup>th</sup> Street  
Kenosha, WI 53144  
Product Use: Soil Surfactant  
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
Customer Service, call: (847) 596-3001

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## 2. HAZARDS IDENTIFICATION

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**GHS Classification:** None

**Signal Word:** None

**Hazard Statements:** None

**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.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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<u>Component</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
Proprietary Blend	Various			100

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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. Seek medical advice.

**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. Take off contaminated clothing and wash it before reuse.

**IF INHALED:** Move person to fresh air. 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. Get medical advice or attention.

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

**Other Effects:** This product is not a carcinogen by NTP, OSHA and ACGIH.

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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:** None known.

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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:** 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 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:** N/D

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

**Skin Protection:** Wear chemical-resistant 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Clear light yellow liquid	LEL:	N/A
Odor:	Slight	Vapor Pressure:	N/D
pH (1% in aqueous solution):	5.7-6.7	Vapor Density:	N/D
Melting Point:	N/D	Relative Density (lbs/gl):	8.09 - 8.93
Freezing Point:	N/D	Solubility in water:	Soluble
Boiling Point:	>100°C (>212°F)	Partition Coefficient:	N/D
Flash Point:	>100°C (>212°F)	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/A	VOC:	N/D
UEL:	N/A	Viscosity:	N/D

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## 10. STABILITY AND REACTIVITY

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

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Possibility of Hazardous Reactions: Hazardous polymerization will not occur.  
Condition to Avoid: None known.  
Incompatible Materials: Strong oxidizers. Do not mix with chlorinated detergents (bleach).  
Hazardous Decomposition Products: Burning may produce oxides of sulfur and nitrogen in addition to carbon dioxide and carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

## 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. **Dispose of contents/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): Not Regulated

## 15. REGULATORY INFORMATION

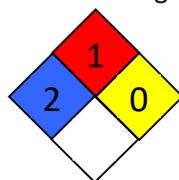
SARA 311/312: Acute Health Hazard  
TSCA: Components listed  
DSL (Canada): Components listed

## 16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



Date Prepared: October 24, 2019

Last Updated: October 24, 2019

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PRECISION LABORATORIES, LLC

**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.