

# MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200  
Standard must be consulted for specific requirements.

## IDENTITY: CASCADE™ PLUS 16G - LONGER LASTING WATER INFILTRATION

### SECTION I

MANUFACTURER'S NAME:  
Precision Laboratories, Inc.  
P. O. Box 127  
Northbrook, IL 60065

EMERGENCY PHONE NUMBER:  
800-323-6280  
800-424-9300 (Chemtrec - 24 hrs.)  
DATE PREPARED: November, 1999

### SECTION II - HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS #</u> | <u>PERCENT</u> | <u>OSHA<br/>PEL</u> | <u>ACGIH<br/>TLV</u> |
|-------------------|--------------|----------------|---------------------|----------------------|
|-------------------|--------------|----------------|---------------------|----------------------|

None

HAZARD CLASSIFICATION: N/A

HMIS RATING: 0-0-0-X

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|  |                        |  |        |
|--|------------------------|--|--------|
| BOILING POINT: (° F)                   | N/A                    | SPECIFIC GRAVITY (H <sub>2</sub> O=1): | 0.1398 |
| VAPOR PRESSURE (mm HG):                | N.D.                   | ODOR THRESHOLD:                        | N.D.   |
| VAPOR DENSITY (AIR=1):                 | < 1                    | EVAPORATION RATE                       |        |
| VISCOSITY:                             | N.D.                   | (vs. Butyl Acetate):                   | Slower |
| SOLUBILITY IN WATER:                   | Insoluble              | pH @ 0.0%:                             | N.D.   |
| APPEARANCE AND ODOR:                   | Odorless blue granules |  |        |
| COEFFICIENT OF WATER/OIL DISTRIBUTION: | N.D.                   |  |        |

### SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS (STP): LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Alcohol foam; CO<sub>2</sub>; dry chemical foam; water fog

SPECIAL FIRE-FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus, pressure-demand (MSHA/NIOSH-approved or equivalent) and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

### SECTION V - REACTIVITY DATA

#### STABILITY

UNSTABLE \_\_\_\_\_  
STABLE Under normal conditions

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: May liberate carbon monoxide or carbon dioxide. Unknown toxic materials.

#### HAZARDOUS POLYMERIZATION:

WILL OCCUR \_\_\_\_\_  
WILL NOT OCCUR Under normal conditions

CONDITIONS TO AVOID: Heat, sparks and open flames.

**SECTION VI - HEALTH HAZARD DATA**

**ROUTES OF ENTRY:**    **INGESTION?**    ---                    **EYES?**    ---                    **SKIN?**    Yes                    **INHALATION?**    ---

**HEALTH HAZARDS:** *No information.*

**EFFECTS OF OVEREXPOSURE:**                    **EYE CONTACT:** *Mild eye irritant. No permanent injury likely.*                    **SKIN**

**CONTACT:** *No evidence of adverse effects with contact to skin.*    **INHALATION:** *No hazard in normal industrial use.*

**INGESTION:** *May cause discomfort, nausea, vomiting, diarrhea, if swallowed.*

**CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS:**                    *None.*

**SECTION VII - EMERGENCY AND FIRST AID PROCEDURES**

**EYES:** *Immediately flush eyes with plenty of water. Consult a physician.*    **SKIN CONTACT:** *Wash with soap and water. Remove contaminated clothing. Get medical attention, if irritation develops or persists.*    **INHALATION:** *Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.*    **INGESTION:** *If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.*

**SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**RESPIRATORY PROTECTION:**                    *None.*

**VENTILATION REQUIREMENTS:**                    *Good general ventilation should be sufficient to control airborne levels.*

**EYE PROTECTION:**                    *Wear appropriate eye protection to prevent accidental contact.*

**PROTECTIVE GLOVES:**                    *None.*

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**                    *None.*

**WORK/HYGIENIC PRACTICES:**                    *Wash hands before eating. Remove contaminated clothing and wash before reuse. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing.*

**SECTION IX - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**                    *If spill is dry, sweep, shovel or use any similar means of recovery. Avoid dust generation and use appropriate respiratory protection. Follow all government regulations.*

**WASTE DISPOSAL METHOD:**                    *Follow all federal, state and local regulations.*

**SECTION X - STORAGE AND HANDLING INFORMATION**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**                    *Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep container closed when not in use. Store under a controlled environment. Avoid excessive heat. This product should be stored in clean, dry areas.*

**SECTION XI - REGULATORY INFORMATION**

**SARA HAZARD:**                    *Title III, Section 313: No SARA Section 313 components exist in this product. The chemical substances in this product are on the TSCA Section 8 inventory.*

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

*N/A - Not Available*

*N/E - Not Established*

*N.D. - Not Determined*