

# 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.

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**IDENTITY: CASCADE™ PLUS – LONGER LASTING WATER INFILTRATION**

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**SECTION I**

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MANUFACTURER'S NAME:

Precision Laboratories, Inc.  
1429 S. Shields Drive  
Waukegan, IL 60085

EMERGENCY PHONE NUMBER:

800-323-6280  
800-424-9300 (Chemtrec - 24 hrs.)

DATE PREPARED: 3/25/05

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**SECTION II - INGREDIENTS**

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<u>INGREDIENT</u>	<u>CAS #</u>	<u>PERCENT</u>	<u>TLV (Source)</u>
Potassium Carbonate	584-08-7	25%-35%	None established

HAZARD CLASSIFICATION: *None*HMIS RATING: 2-0-0-X

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**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

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BOILING POINT: 212° F.

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.27 ±0.005VAPOR PRESSURE (mm HG): *Not Determined*VAPOR DENSITY (AIR=1): *Not Determined*EVAPORATION RATE (vs. H<sub>2</sub>O): *About the same*SOLUBILITY IN WATER: *Complete*

pH: 13.5 ± 0.5

APPEARANCE AND ODOR: *Clear liquid with no distinct odor.*

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**SECTION IV - FIRE AND EXPLOSION HAZARD**

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FLASH POINT (T.C.C.): *None to boiling*FLAMMABLE LIMITS: *N/A*

LEL:

UEL:

EXTINGUISHING MEDIA: *Product is noncombustible. Water Spray (Fog), Dry Chemical; CO<sub>2</sub>; or Foam may be used where product is stored.*SPECIAL FIRE FIGHTING PROCEDURES: *Do not enter confined fire-spaces without protective clothing and self-contained air supply.*UNUSUAL FIRE AND EXPLOSION HAZARDS: *None*

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**SECTION V - REACTIVITY DATA**

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STABILITY

UNSTABLE

STABLE

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x

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INCOMPATIBILITY (MATERIALS TO AVOID): *Acids/Oxidizers. Do not mix with chlorinated detergents or sanitizers.*HAZARDOUS DECOMPOSITION PRODUCTS: *Burning may produce carbon monoxide and/or carbon dioxide.*

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**SECTION VI - HEALTH HAZARD DATA**

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PRIMARY ROUTES OF EXPOSURE: EYES: Yes SKIN: Yes INGESTION: N/A INHALATION: N/A  
SIGNS AND SYMPTOMS OF OVEREXPOSURE (Acute): *Prolonged or repeated contact of concentrated product with skin will cause irritation and reddening. Contact with eyes causes extreme irritation, redness, pain and possible corneal damage. Ingestion will cause severe irritation to the GI tract - symptoms may include nausea, abdominal discomfort, vomiting, diarrhea. Ingestion of large amounts may cause circulatory collapse.*  
SIGNS AND SYMPTOMS OF OVEREXPOSURE (Chronic): *None currently known.*  
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: *An existing dermatitis.*  
CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS: *None.*

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

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EYES: *Flush eyes with water for at least 15 minutes and call a physician immediately.* SKIN: *Wash affected areas with large amounts of soap and water. If irritation persists, call a physician.* INGESTION: *Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.* INHALATION: *Remove to fresh air. Start artificial respiration, if necessary. Oxygen may be administered. Call a physician.*

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

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RESPIRATORY PROTECTION: *Not required under normal use conditions.*

VENTILATION REQUIREMENTS: *Normal*

LOCAL EXHAUST \_\_\_\_\_

MECHANICAL EXHAUST \_\_\_\_\_

EYE PROTECTION: *Safety Glasses/Goggles*

PROTECTIVE GLOVES: *Rubber/PVC*

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: *Normal work clothing covering arms and legs to minimize contact.*

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**SECTION IX - SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: *Safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound containers for reuse, recycling or proper disposal.*

WASTE DISPOSAL METHOD: *Dispose of in an approved waste facility according to federal, state and local regulations.*

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**SECTION X - STORAGE AND HANDLING INFORMATION**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: *Handle all containers carefully. Keep container closed when not in use. Wash thoroughly after handling.*

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**SECTION XI - REGULATORY INFORMATION**

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SARA HAZARD: Title III, Section 313: *Contains no Section 313 listed substances subject to reporting.*

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