

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **0-0-20 Cascade™ Plus Fertilizer**
Supplier: PRECISION LABORATORIES, LLC
1429 S. SHIELDS DRIVE
WAUKEGAN, IL 60085

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

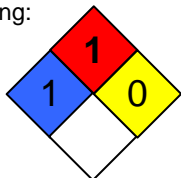
2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% By Wt.</u>
Sulfate of Potash	7778-80-5			Varies
Gypsum	Mixture			Varies
Polyethylene-Propylene Glycols	N/A			Varies

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

NFPA Hazard Rating:



HMIS Hazard Rating:

1 Health
1 Fire
0 HMIS Reactivity

Primary Routes of Exposure:

Eyes: **Yes**

Skin: **Yes**

Oral: **No**

Inhalation: **No**

Signs and Symptoms of Exposure:

Eye contact: May cause temporary eye irritation.
Skin contact: May irritate open sores and wounds.
Inhalation: None known.
Ingestion: None known.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE

Eye Exposure: Flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.

Skin Exposure: Wash with soap and water. Seek medical attention if irritation persists.

Inhalation: Move individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Ingestion: Drink plenty of water.

Medical Conditions Aggravated by Overexposure: None known.

5. FIRE-FIGHTING MEASURES

FIRE HAZARD DATA:

Flammability: N/A

LEL: N/A

UEL: N/A

Auto-ignition temperature: N/A

Flash Point: N/A

Hazardous Decomposition Products of Combustion:

Extinguishing Media: Water spray, foam, CO₂ or dry chemicals may be used in areas where this product is stored.

Special Fire Fighting Procedures: Protect eyes and skin from contact with smoke. Wear self-contained breathing apparatus when fighting fires. Keep all nonessential personnel upwind from smoke. Contain runoff waters and consult with your local environmental agencies before disposal.

Additional Fire and Explosive Data: None.

MATERIAL SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

Product Name: 0-0-20 CASCADE PLUS FERTILIZER -
Synchronized Wetting Agent & Fertilizer Technology



Updated: March 15, 2013

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6. ACCIDENTAL RELEASE MEASURES

Containment Procedures: Take measures to prevent personnel from coming into contact with material.
Clean-Up Procedures: Sweep spill. Repackage in labeled container and reuse if possible.
Evacuation Procedures: None required.
Special Procedures: None identified.

7. HANDLING AND STORAGE

Handling Procedures: Avoid contact with eyes and open sores.
Storage Procedures: Store in a dry location in temperatures above 30°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: None identified.
Engineering Controls: Use outdoors only.
Eye/Face Protection: If possibility for eye contact exists, wear protective eyewear.
Skin Protection: Cover open sores.
Respiratory Protection: Not required under normal use conditions.
General Protection: Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance & Odor: Granular solid with slight, earthy odor.
Boiling Point: N/A
pH: Neutral.
Specific Gravity: 0.8–1.2
Solubility in Water: Portions 100%, portions none

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Incompatibility: None known.
Hazardous Decomposition Products: N/E
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Moisture.

11. TOXICOLOGICAL INFORMATION

No known carcinogenic components.

12. ECOLOGICAL INFORMATION

No known ecological toxicity.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers: None identified.
Disposal Instructions: Dispose of in accordance with federal, state and local requirements. May be placed in household waste.
Container Reuse: Do not reuse packaging. Dispose of packaging when empty.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): Not regulated.
IATA Status (Air): Not regulated.

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15. REGULATORY INFORMATION

SARA HAZARD: No identified hazards.
State: N/D
WHMIS: N/D

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