

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: 0-0-20 – CASCADE PLUS FERTILIZER™

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: 11/4/02

SECTION II - INGREDIENTS

INGREDIENT	CAS #	CONTENT	EXPOSURE LIMITS
Sulfate of Potash	7778-80-5	Varies	10 mg/m ³ as dust
Gypsum	Mixture	Varies	10 mg/m ³ as dust
Polyethylene-Propylene Glycols	N/A	Varies	N/A

HAZARD CLASSIFICATION: None

HMIS RATING: 1-1-0

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (H₂O=1): 0.8 – 1.2

VAPOR PRESSURE (mm HG): N/A

BULK DENSITY: 50 – 78 lbs / cu. ft.

pH: Neutral

EVAPORATION RATE (vs. H₂O): About the same

PHYSICAL FORM: Granular

APPEARANCE AND ODOR: Varies and slight, earthy

SOLUBILITY IN WATER: Portions 100%, portions none

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Water, foam, carbon dioxide or dry chemicals.

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.

SECTION V - REACTIVITY DATA

STABILITY

UNSTABLE _____

STABLE _____

x

HAZARDOUS POLYMERIZATION

MAY OCCUR _____

WILL NOT OCCUR _____

x

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Under fire conditions, ammonia hydrogen chlorides, ethyl sulfide, diethyl sulfide and nitrogen oxides.

INSTABILITY CONDITIONS: None known.

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: EYES: *Yes* SKIN: *Yes* INGESTION: *N/A* INHALATION: *N/A*

SIGNS AND SYMPTOMS OF OVEREXPOSURE (Acute): *None known.*

SIGNS AND SYMPTOMS OF OVEREXPOSURE (Chronic): *None known.*

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: *May irritate open sores and wounds. May cause temporary eye irritation.*

CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS: *None known.*

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: *Flush eyes with water for at least 15 minutes and call a physician if irritation persists.* SKIN: *Wash with 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. Call a physician.*

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

RESPIRATORY PROTECTION: *None required.*

VENTILATION REQUIREMENTS: *Use outdoors only.*

EYE PROTECTION: *If granules may come in contact with eyes, wear eye protection.*

SKIN PROTECTION: *Cover open sores.*

ADDITIONAL PROTECTIVE MEASURES: *None required.*

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: *Sweep spill, repackage in labeled container and reuse.* WASTE DISPOSAL METHOD: *Reuse product if possible. May be placed in household waste.*

SECTION X - STORAGE AND HANDLING INFORMATION

TECHNICAL SHIPPING NAME: *Not regulated.*

PROPER SHIPPING NAME: *Not regulated.*

HAZARD CLASS OR DIVISION: *Not regulated.*

SECTION XI - REGULATORY INFORMATION

NFPA RATINGS:

Health	1				
Flammability	1				
Reactivity	0				
Other	0				
<i>(0=Insignificant 1=Slight 2= Moderate 3=High 4=Extreme)</i>					

OSHA Status: *Components listed.*

TSCA Status: *This product is exempt from TSCA Regulation.*

CERCLA Reportable Quantity: *No components listed.*

RCRA Status: *Not considered a hazardous waste under RCRA.*

SARA Title III

Section 302: *No components listed.*

Section 311/312: *No components listed.*

Section 313: *No components listed.*

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