

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **Precipitation #1**

Manufacturer **Pro Products, LLC**
502 Incentive Drive
Fort Wayne, IN 46825

Phone 1-800-285-9176

Emergency phone 1-800-424-9300 (CHEMTREC)

HMIS Health 3
Flammability 0
Reactivity 1

Revision date *May 31, 2007*
regulations are met.

DOT SHIPPING INFORMATION:

Potassium hydroxide, solution, 8,
UN1814, PG II, ERG #154

Note: May be reclassified as a Consumer Commodity (ORM-D) If applicable DOT

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient (TWA)</u>	<u>CAS #</u>	<u>% wt.</u>	<u>OSHA PEL (TWA)</u> (mg/m ³)	<u>ACGIH TLV</u> (mg/m ³)
Potassium Hydroxide	1310-58-3	20-30	N/A	2 (STEL-Ceiling)
Water	7732-18-5	70-80	N/A	N/A

3. HAZARDS IDENTIFICATION

Emergency overview **POISON! DANGER! CORROSIVE.** Causes severe burns to the skin, eyes, respiratory tract and gastrointestinal tract. Material is extremely destructive to all body tissues. May be fatal if swallowed. Harmful if inhaled.

Primary routes of exposure Eyes, skin and lungs

Effects of acute exposure

Eyes Irritant. May cause severe burns to the eyes. May cause irreversible eye injury. Symptoms may include tearing, redness, pain, and impaired vision.

Skin Irritant. May cause severe burns with delayed tissue destruction. Symptoms may include soreness, redness, and destruction of skin.

Ingestion Toxic! Causes severe digestive tract burns and may cause perforation of the esophagus and stomach. Symptoms may include abdominal pain, nausea, vomiting, and general gastro-intestinal upset. May be fatal if swallowed.

Inhalation Causes severe irritation of the upper respiratory tract. Symptoms may include coughing, breathing difficulty, and possible coma.

Effects of chronic exposure Prolonged or repeated contact to the skin may cause dermatitis. Prolonged or repeated contact to the eyes may cause conjunctivitis.

Pre-existing conditions Persons with pre-existing skin disorders, eye problems, impaired kidney function, or respiratory function may be more susceptible to the effects of this substance.

Carcinogenicity This product has not been identified as a carcinogen or probable carcinogen by: NTP, IARC Monographs, or OSHA.

4. FIRST AID MEASURES

Eyes Flush eyes with water for at least 15-20 minutes. Seek medical attn. immediately.

Ingestion	DO NOT INDUCE VOMITING. Drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.
Inhalation	Remove to fresh air. Give artificial respiration if necessary. Seek medical attention.
Skin	Immediately flush skin for at least 15-20 minutes. Remove contaminated clothing and shoes. Wash clothing before use. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash point	N/A
Flammability	Product is not considered a fire hazard.
Extinguishing media	Use media appropriate to primary source of the fire. DO NOT USE WATER!
Special procedures	Avoid breathing fumes; keep upwind.
Unusual hazards	Contact with water may generate heat to ignite nearby combustible materials.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of spill or leak and use appropriate personal protective equipment including respiratory protection if necessary. Contain and recover liquid when possible or absorb with an inert material (i.e. vermiculite, dry sand, earth) and place in an appropriate waste container. Dispose of spilled materials in accordance with local, State and Federal regulations.

7. HANDLING & STORAGE

Use with adequate ventilation. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Wash thoroughly after using product. Store in a cool, dry and well-ventilated location. Store in a tightly closed container. Store away from incompatible materials such as strong acids, water and metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection	Use appropriate NIOSH approved respirator if exposures exceed PELs.
Ventilation	Local ventilation if adequate or chemical fume hood.
Protective gloves	Use chemical impervious gloves.
Eye protection	Safety glasses or goggles with face shield if splash potential exists.
Other protective clothing	Wear impervious protective clothing, as appropriate, to prevent skin contact.
Hygienic practices	Maintain good housekeeping practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Clear, colorless liquid	Vapor pressure (Water=1)	1.0
Odor	No odor	Melting point	N/A
pH (aqueous susp.)	>12.0	Vapor density (Air=1)	N/A
Boiling point	125 °C	Solubility in water	Soluble
Specific gravity	1.24	Evaporation rate (Butyl Acetate=1)	0.1-0.3

10. Chemical Stability and Reactivity Information

Chemical stability	Stable under ordinary conditions of use and storage.
Conditions to avoid	Water, strong acids, metals, halogenated hydrocarbons.
Hazardous decomposition products	Hydrogen gas, oxides of potassium.
Hazardous polymerization	Will not occur.

Prepared by: SES, 3807 Transportation Drive, Fort Wayne, IN 46818, 1-800-654-4915

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