

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**THIRSTY / 3101****AUGUST 2010****PAGE 1**

HEALTH	2
FIRE	1
REACTIVITY	0
P.P.E.	E

Complies With U.S.D.L. Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Super Absorbent Polymer
GENERIC NAME: Super Absorbent

SECTION 2 – Composition on Ingredients

CHEMICAL NAME	CAS NO.	WT. %	OSHA PEL	ACGIH/TVL	OTHER LIMITS
Silica-Amorphous	1314-23-4	< 2	No Info	.05 mg/m ³	No Info

SECTION 3 – Hazards Information**PRIMARY ROUTES OF ENTRY:**

SKIN: DESTRUCTIVE- Overexposure may produce burns.
EYES: DESTRUCTIVE- Exposure may cause burns, eye injury, and blindness.
INHALATION: Excessive inhalation may damage respiratory tract. Possible nausea, dizziness, and difficulty breathing.
INGESTION: Extremely corrosive. Large quantities could cause severe pain, nausea, death.

SECTION 4 – First Aid Measures

SKIN: Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation persists.
EYES: Flush with water for 15 minutes while lifting eyelids to assure complete removal. Get medical attention.
INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
INGESTION: DO NOT INDUCE VOMITING. If conscious, dilute stomach contents by drinking water. Call a physician immediately.

SECTION 5 – Fire Fighting Measures

FLASH POINT (METHOD USED): N/A
FLAMMABLE LIMITS: UPPER EXPLOSIVE LIMIT: N/A LOWER EXPLOSIVE LIMIT: N/A
EXTINGUISHING MEDIA: Water fog, CO₂, Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES: SCBA, Protective Clothing
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extinguish all ignition sources. Flammable Hydrogen gas may be liberated.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers or any unauthorized water systems.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Keep container tightly sealed when not in use. For Trained Industrial and Institutional Personnel Only. Practice good hygiene after handling this material.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: NIOSH/OSHA approved respirators for materials in Section 2 when ventilation is restricted. Use in well-ventilated area.
VENTILATION: Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.
PROTECTIVE GLOVES: None required.
EYE PROTECTION: Safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT: None required.

SECTION 9 – Physical and Chemical Properties

PHYSICAL DESCRIPTION: White powder, vanilla odor
BOILING POINT RANGE (°F): N/A **SPECIFIC GRAVITY (H₂O=1):** 1.7
VAPOR PRESSURE (mm Hg): N/A **VAPOR DENSITY (Air=1):** N/A
% VOLATILE: None **pH:** N/A
SOLUBILITY IN WATER: Negligible **EVAPORATION RATE (Butyl Acetate=1):** N/A
MELTING POINT: N/A

SECTION 10 – Stability and Reactivity

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY (Materials to Avoid): Active metals, strong acids.
HAZARDOUS DECOMPOSITION or BYPRODUCTS: Carbon Monoxide, Carbon Dioxide

SECTION 11 – Toxicological Information

No data available.

SECTION 12 – Ecological Information

No data available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Dispose in accordance with appropriate Federal, State and Local regulations.

SECTION 14 – Transport Information

PROPER SHIPPING NAME: Non-Hazardous

SECTION 15 – Regulatory Information

No data available.

SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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