

**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 USDL 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 <sup>3</sup>	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, CO<sub>2</sub>, 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 (H<sub>2</sub>O=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.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.