



# MicroStone Liquid Polymer

## Section 1 Product Description

Product Name: MicroStone Liquid Polymer  
 Recommended Use: Acrylic polymer emulsified in a mixture of water, surfactant and ammonia  
 Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041  
 P: 800.545.9827 • F: 713.329.9065 [www.chemsystemsinc.com](http://www.chemsystemsinc.com)  
 Emergency Phone: CHEMTRAC 1-800-424-9300

## Section 2 Hazard identification

### Hazard Statement:

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Precautionary statements

#### Prevention:

P264 - Wash thoroughly after handling  
 P352 - Wash with soap and water

Use respiratory protection and hazard controls. Use particulate protection.  
 Gloves and /or skin protection is recommended.  
 Safety glasses or eye protection recommended.

**Human Health Hazards:** Not to be expected if handled and used properly.

## Section 3 Composition/ Information on Ingredients

<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc. (wt%)</u>
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Unlisted ingredients are not "hazardous" per the OSHA standard and /or are present at less than the allowable levels.

## Section 4 First Aid Measures

### Emergency First Aid Procedures

**Skin:** Wash with soap and water. Consult physician if irritation persists. Launder contaminated clothing before reuse.

**Eyes:** Flush with large amounts of water for at least 15 minutes. If irritation persists consult a physician.

**Inhalation:** Move subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a physician.

**Ingestion:** Give two glasses of water to drink. Do not induce vomiting. Consult a physician.

## Section 5 Firefighting Procedures

**Extinguishing Media:** Non-flammable in liquid state; use water spray, foam, dry chemical or carbon dioxide for dried product.

**Flash Point (TCC):** Non combustible

**Flammable Limits (% volume in air for solvents):** LEL=N/A UEL=N/A

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus and full protective gear.

**Unusual Fire and Explosion Hazards:** N/A

## Section 6 Spill or Leak Procedures

**Steps to Take if Material is Released or Spilled:** Use caution floor may be slippery. Contain spills immediately with inert materials. Transfer liquid and diking materials to a separate container for recovery or disposal.

# Safety Data Sheet

## **Section 7 Handling and Storage**

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store in dry area. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Solidify and dispose in an approved landfill. Follow all Federal, State and Local regulations when storing and disposing of substance.

**Special Precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

## **Section 8 Protection Information**

**Respiratory Protection:** If airborne concentrations are:

<250 ppm.....None Required

>250 <1000 ppm....Wear MSHA/NIOSH approved, full-face piece, air purifying respirator.

>1000 ppm.....Wear MSHA/NIOSH approved, self-contained breathing apparatus in the pressure demand mode.

**Ventilation:** Local exhaust sufficient to keep airborne concentrations <250 ppm

**Protective Gloves:** Wear neoprene gloves.

**Eye Protection:** Use chemical splash goggles.

**Other Protective Clothing or Equipment:** Wear long sleeves.

**Work/Hygienic Practices:** Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

## **Section 9 Physical Data**

**Appearance:** Milky White Liquid

**Odor:** Ammonia

**Odor Threshold:** No data available

**pH:** Circa 9.5

**Specific Gravity:** N/A

**Freezing/Melting Point:** N/A

**Boiling Point:** 212 °F / 100 °C

**Flash Point:** N/A

**Evaporation Rate:** Not determined

**Flammability (solid, gas):** N/A

**Upper/lower Flammability:** Not determined

**Vapor Pressure:** N/A

**Density:** Approximately 1.05 gm/cc

**Solubility in Water:** Totally miscible

**Partition Coefficient:** Not determined

**Auto-ignition Temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

**% Volatile (by weight):** N/A

## **Section 10 Reactivity Data**

**Reactivity:** Stable at normal temperatures and pressures

**Conditions to avoid:** Incomplete combustion may yield low molecular weight hydrocarbons.

Pressure will build up in closed containers if heated.

**Hazardous decomposition products:** Thermal decomposition may yield low molecular weight hydrocarbons.

**Hazardous Polymerization:** Will not occur

**Incompatibilities:** N/A

## **Section 11 Toxicity Data**

**Carcinogen:** No.

**Routes of Exposure:** Inhalation, eyes, skin

**Acute Toxicity Lethal Doses (ATE):** N/A

**Health Hazards:**

**Acute** – None known other than irritation of the eyes throat and nasal passages due to exposure to concentrations above Permissible levels.

**Chronic** – No anticipated chronic effects. Overexposure to acrylic monomers is not expected to occur during normal handling and use.

**Medical conditions aggravated by exposure** – None known

# Safety Data Sheet

**Eye Contact:** May cause irritation.  
**Skin Contact:** May cause irritation.  
**Inhalation:** May cause irritation to throat and nasal passages  
**Aggravation of Pre-existing Conditions:** N/A

## **Section 12 Ecological Data**

**Acute Toxicity to Fish:** No data available  
**Acute Toxicity to Aquatic Invertebrates:** No data available  
**Toxicity to Aquatic Plants:** No data available  
**Toxicity to Microorganisms:** No data available  
**Chronic Toxicity to Fish:** No data available  
**Chronic Toxicity to Aquatic Invertebrates:** No data available  
**Persistence and Degradability:** No data available  
**Bioaccumulation Potential:** No data available  
**Mobility in the Soil:** No data available  
**Other Adverse Effects:** None established

## **Section 13 Disposal Information**

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

## **Section 14 Transport Information**

**Proper Shipping Name:** N/A  
**Hazard Class:** N/A  
**UN:** N/A  
**Packing Group:** N/A  
**Marine Pollutant:** No

## **Section 15 Regulatory Information**

**SARA 311/312:** No

### **CHEMICAL INVENTORIES**

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Proposition 65:** None

**Canadian WHMIS Classification:** Not classified

## **Section 16 Additional Information**

**The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.**

**DISCLAIMER:** Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.