**** MATERIAL SAFETY DATA SHEET ****

AQUAZOL® 5/50/200/500

Section 1 - Chemical Product and Company Identification

Product Name:
AQUAZOL® 5/50/200/500

Chemical Family:
Polyoxazoline

Chemical Name:
Poly (2-ethyl-2-oxazoline)

Formula:
$-(C_5H_9NO)-$

Manufacturer's Name:
Polymer Chemistry Innovations, Inc.
(aka "PCI)

Manufacturer's Address:
4231 S. Fremont Ave.
Tucson, AZ 85714

Manufacturer's Telephone Number:
(520) 746-8446

CHEMTREC Telephone Number:
(800) 424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%
25805-17-8	*Poly (2-ethyl-2-oxazoline)	99.9 %
10431-98-8	2-ethyl-2-oxazoline	<0.1 %

Reviewed in accordance with section 311 & 312 of SARA Title III and found not to be in any hazard class.

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Chemical, Not otherwise specified.
Protect from moisture. Keep container tightly closed.

POTENTIAL HEALTH EFFECTS

Eye No adverse health effects known or expected.
Skin No adverse health effects known or expected.
Ingestion No adverse health effects known or expected.
Inhalation No adverse health effects known or expected
Chronic Not available.

Section 4 - First aid Measures

Eyes	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin	Wash exposed area with soap and water.
Inhalation	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician	Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Flammable Liquid.
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Unusual Fire & Explosion Hazards	Material decomposes above 300 deg. C; toxic fumes may be generated

Section 6 - Accidental Release Measures

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Persons not wearing protective equipment should be excluded from the area of the spill until clean up has been completed. Shovel spilled material into containers. Thoroughly sweep up residual material. Wash spill site after material pick-up is complete.

Section 7 - Handling and Storage

Handling/ Storage	Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation. Protect from moisture. Do not smoke in areas where polymer dust is present.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls Use adequate ventilation to keep airborne concentrations low.

PERSONAL PROTECTIVE EQUIPMENT

Eyes	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin	Wear appropriate protective gloves to prevent skin exposure.
Clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirators	NIOSH/MSHA approved dust respirator recommended if any dust is generated.

Section 9 - Physical and Chemical Properties

Physical State	Solid
Appearance	Light yellow granules
Odor	Not characterized
pH	Neutral in aqueous solution
Vapor Pressure	NA
Boiling Point	NA
Autoignition Temperature	> 400 deg C
Flash Point	NA
Explosion Limits, lower	NA
Explosion Limits, upper	NA.
Solubility in Water	Miscible
Specific Gravity/Density	1.14 (H2O = 1)

Section 10 - Stability and Reactivity

Chemical Stability	Product is stable under normal conditions of storage and handling.
Conditions to Avoid	Material decomposes above 300 deg C; toxic fumes may be generated
Incompatibilities with Other Materials	Strong oxidizing agents
Hazardous Decomposition Products	Nitrogen oxides, carbon monoxide, carbon dioxide. Decomposition begins at 300 deg C
Hazardous Polymerization	Does not occur.

Section 11 - Toxicological Information

Oral LD50 (rat)	3980 mg/Kg

Section 12 - Ecological Information

No Specific Data Available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

Not regulated by current DOT, IMO or IAAO regulations. Chemical, Not Otherwise Specified

Section 15 - Regulatory Information

No specific information is available

Section 16 - Additional Information

MSDS Creation Date 04/09/96

Revision #5 Date 04/15/02

This data sheet and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate and are based on information that is considered reliable as of the date hereof. However, the customer should determine the suitability of such materials for his or her purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, expressed or implied, is made and no responsibility assumed for the use of this material or the results to be obtained therefrom. Information on the form is furnished for the purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purpose. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal, or insurance requirements, or with national safety codes.