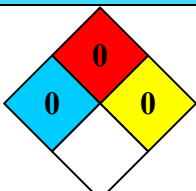



# Aquazol<sup>®</sup> 5/50/200/500

## Safety Data Sheet

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For additional information on toxicity, please refer to Section 11		See Section 8			

1		
	Aquazol <sup>®</sup> 5, 50, 200, 500 Poly(2ethyl-2-oxazoline)	Polymer Chemistry Innovations, Inc. 4231 South Fremont Avenue Tucson, AZ 85714 (520) 746-8446 P (520) 746-8876 F <p style="text-align: right;"><b># 2012</b></p> 24 hour emergency number for CHEMTREC 800-424-9300 outside USA +1 703-527-3887

2	
Classification	Not classified as a hazardous material
Signal Words	None
Other Hazards	None

3 /			
	Poly (2-ethyl-2-oxazoline)		Polyoxazoline
	Aquazol <sup>®</sup>		-(C <sub>5</sub> H <sub>9</sub> NO)-
/	%	#	
Poly (2-ethyl-2-oxazoline)	99.9	25805-17-8	
2-ethyl-2-oxazoline	<0.1	10431-98-8	

4	
	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops seek medical attention.
	Wash exposed area with soap and water.
	For polymer dust inhalation, remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Seek medical attention if not breathing or if breathing is difficult.
	Remove polymer from mouth by rinsing with cool water (do not swallow) until no longer sticky. No adverse reaction is expected. If a large volume is swallowed, seek medical attention.
/	None known

-	
	Water spray, dry chemical, carbon dioxide, or chemical foam.
	Material decomposes above 300° C and toxic fumes may be generated.

	A NIOSH approved dust mask should be worn if polymer dust is present. Persons not wearing appropriate 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 avoiding generation of dust. Wash spill site after material pick-up is complete.
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	Keep in closed or covered containers when not in use. Store in a cool dry place with adequate ventilation. Protect from moisture and strong oxidizing agents. Avoid generation of dust. Do not smoke where polymer dust is present.
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	Not determined.
	Not determined.
	Wear appropriate protective eyeglasses or safety glasses.
	Wear appropriate gloves to prevent exposure.
	Ensure ventilation is sufficient to keep dust concentrations low.
	NIOSH approved dust masks are recommended if dust is generated.

	Solid
	Light yellow granules
/	Not characterized/Not determined
	Not determined
	Not applicable
	Not applicable
	Soluble
	Not applicable

	Neutral in aqueous solution
-	>400° C
.	Not applicable
	Not applicable
	Not applicable
	Not applicable
	Not applicable
	Not applicable
	Not applicable
	Not applicable
	>300° C
-	Not determined
/	1.14
	Varies
	Not Determined
	-(C <sub>5</sub> H <sub>9</sub> NO)-

### 10

	Not determined
	Product is stable under normal conditions of storage and handling.
	Moisture. Temperatures above 300° C may produce toxic fumes.
	Strong oxidizing agents.
	Nitrogen oxides, carbon monoxide, carbon dioxide.
	Will not occur.

### 11

	Skin contact and inhalation (of dust)
	None known
/	None known
	Not determined
	Oral LD50 (rat) 3980 mg/kg

### 12

	Not determined
	Not determined
-	Not determined
	Not determined
	Not determined

**13**

Product is considered non-hazardous. Dispose of in a manner consistent with local, state, and Federal regulations.

**14**

Not regulated by DOT, IMO, or ICAO.

**1**

None known.

**1**

Creation date: 04/09/96 Created by Polymer Chemistry Innovations, Inc.

Last revision date: 6/21/12 revision #7

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.