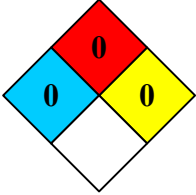



Aquazol[®] 5/50/200/500

Safety Data Sheet

NFPA	HMIS	Personal Protective Equipment								
	<table border="1"> <tr> <td>Health Hazard</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Fire Hazard</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Physical Hazard</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Personal Protection</td> <td></td> </tr> </table>	Health Hazard	0	Fire Hazard	0	Physical Hazard	0	Personal Protection		
Health Hazard	0									
Fire Hazard	0									
Physical Hazard	0									
Personal Protection										
For additional information on toxicity, please refer to Section 11		See Section 8								

Section 1: Identification

Product Name:	Aquazol [®] 5, 50, 200, 500	Manufacturer:
Synonyms:	Poly(2ethyl-2-oxazoline)	Polymer Chemistry Innovations, Inc. 4231 South Fremont Avenue Tucson, AZ 85714 (520) 746-8446 P (520) 746-8876 F CHEMTREC contract # 201299 24 hour emergency number for CHEMTREC 800-424-9300 outside USA +1 703-527-3887

Section 2: Hazard Identification

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

Section 3: Composition/Information on Ingredients

Chemical Name:	Poly (2-ethyl-2-oxazoline)	Chemical Family:	Polyoxazoline
Common Name:	Aquazol [®]	Chemical Formula:	-(C ₅ H ₉ NO)-
Ingredient/Substance Name:	%	CAS #	
Poly (2-ethyl-2-oxazoline)	99.9	25805-17-8	
2-ethyl-2-oxazoline	<0.1	10431-98-8	

Section 4: First Aid Measures	
Eyes	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops seek medical attention.
Skin	Wash exposed area with soap and water.
Inhalation	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.
Ingestion	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.
Symptoms/Effects	None known

Section 5: Fire-Fighting Measures	
Extinguishing Media	Water spray, dry chemical, carbon dioxide, or chemical foam.
Special Fire Fighting Instructions	Material decomposes above 300° C and toxic fumes may be generated.

Section 6: Accidental Release Measures	
Spill or Release	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.

Section 7: Storage and Handling	
Storage and Handling	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.

Section 8: Exposure Controls and Personal Protection	
OSHA PEL	Not determined.
ACGIH TLV	Not determined.
Eyes	Wear appropriate protective eyeglasses or safety glasses.
Skin	Wear appropriate gloves to prevent exposure.
Ventilation	Ensure ventilation is sufficient to keep dust concentrations low.
Respirator	NIOSH approved dust masks are recommended if dust is generated.

Section 9: Physical and Chemical Properties	
Physical State	Solid
Appearance	Light yellow granules
Odor/Odor Threshold	Not characterized/Not determined
Melting Point	Not determined
Freezing Point	Not applicable
Boiling Point	Not applicable
Solubility in Water	Soluble
Volatile Content	Not applicable

pH	Neutral in aqueous solution
Auto-ignition Temp.	>400° C
Flammability	Not applicable
Flash Point	Not applicable
Evaporation rate	Not applicable
Explosion limit lower	Not applicable
Explosion limit upper	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Decomposition Temp	>300° C
Partition Coefficient n-octanol/water	Not determined
Specific Gravity	1.14
Viscosity	Varies
Molecular Weight	Not Determined
Molecular Formula	-(C ₅ H ₉ NO)-

Section 10: Stability and Reactivity

Reactivity	Not determined
Chemical Stability	Product is stable under normal conditions of storage and handling.
Conditions to Avoid	Moisture. Temperatures above 300° C may produce toxic fumes.
Incompatibilities	Strong oxidizing agents.
Decomposition Products	Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11: Toxicological Information

Likely Routes of Exposure	Skin contact and inhalation (of dust)
Symptoms	None known
Effects Acute/Chronic	None known
Carcinogen	Not determined
Toxicity	Oral LD50 (rat) 3980 mg/kg

Section 12: Ecological Information

Ecotoxicity	Not determined
Persistence and Degradability	Not determined
Bio-accumulative Potential	Not determined
Mobility in Soil	Not determined
Other Adverse Effects	Not determined

Section 13: Disposal Considerations

Disposal	Product is considered non-hazardous. Dispose of in a manner consistent with local, state, and Federal regulations.
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Section 14: Transportation Information

Hazardous Transportation	Not regulated by DOT, IMO, or ICAO.
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Section 15: Regulatory Information

Safety, Health, and Environmental Regulations	None known.
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Section 16: Additional Information

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.