

MATERIAL SAFETY DATA SHEET

ROLCO LABS DIVISION

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Carlstadt, NJ 07072
(201) 939-1122

AQUA SIZE

EMERGENCY CONTACT:
CHEMTREC 800-424-9300

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: AQUA SIZE **HMIS CODES:** H F R P
EFFECTIVE DATE: 10/05/04 **PREPARER:** LAKELAND LABORATORY INC. 1 2 0 C

SECTION 2. HAZARDOUS INGREDIENTS

| HAZARDOUS COMPONENTS | CAS # | OSHA PEL | ACGIH TLV | VAPOR PRESSURE mm Hg @ TEMP. | WEIGHT PERCENT |
|----------------------|---------|----------|-----------|---------------------------------|-------------------|
| ETHANOL | 64-17-5 | 1000 PPM | N/A | 42 68 F | < 2 % |

SECTION 3. HEALTH EFFECTS AND SYMPTOMS OF OVEREXPOSURE

INHALATION: No ill effects expected

EYES: Material is minimally irritating to the eyes. Splash contact may cause some irritation, tearing, redness and blurred vision.

SKIN: None known.

INGESTION: Ingestion of the product may result in vomiting. Aspiration (breathing) of the vomitus into the lungs must be avoided. Even small quantities may result in aspiration pneumonitis.

HEALTH HAZARDS (ACUTE & CRONIC): None known.

CARCINOGENICITY: NTP? No **IARC MONOGRAPHS?** No **OSHA REGULATED?** No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

SECTION 4. EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush eyes with copious amounts of water for 15 minutes while holding the eyelid open. Contact a physician if irritation persists.

SKIN: Wash with soap and water.

INHALATION: No ill effects expected

INGESTION: Do not induce vomiting. If vomiting occurs, keep head below the hips to prevent aspiration of the liquid into the lungs. Obtain immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Non flammable, none required.

SPECIAL FIREFIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILLAGE: Coagulate with either dry calcium chloride or with a concentrated solution of calcium chloride and place in suitable and properly labeled waste containers

WASTE DISPOSAL METHOD: Landfill the coagulated material in conformance with local, state and federal regulations.

SECTION 7. HANDLING AND STORAGE

GENERAL HANDLING: No special precautions required other than keeping from freezing.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: None normally required. If mists or vapors are encountered use NIOSH/MSHA approved chemical respirators.

VENTILATION: Mechanical ventilation & local exhaust should be suitable.

PROTECTIVE GLOVES: None generally required. For possible continued contact, use impervious gloves to prevent skin contact.

EYE PROTECTION: Approved safety eyewear is recommended to guard against accidental splash. Provide eye wash station near any work site.

PROTECTIVE CLOTHING: Aprons are recommended to protect skin and clothing from repeated contact. Remove and wash any contaminated clothing before reuse. Discard contaminated shoes.

WORK/HYGIENIC PRACTICES: Wash hands thoroughly before eating or using the toilet facilities. Smoke only in designated areas. Keep good housekeeping.

SECTION 9. PHYSICAL PROPERTIES

BOILING RANGE: 212 Deg. F

VAPOR DENSITY: Heavier than air

COATING VOC: 51 g/l

FLASH POINT: None

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: N/A

VAPOR PRESSURE: < 4 mm Hg @ 68 Deg. F.

APPEARANCE AND ODOR: Translucent to milky appearance. Slight ammoniacal odor.

SPECIFIC GRAVITY (H₂O = 1) 1.05

EVAPORATION RATE: Slower than Ether

SOLUBILITY IN WATER: Soluble

METHOD USED: Tag. Closed Cup

UPPER: N/A

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: High temperatures, poor ventilation and sources which may induce thermal decomposition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as chlorine or oxygen.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition products carbon dioxide & carbon monoxide may form.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available

SECTION 12. ECOLOGICAL INFORMATION

Not toxic to fish or plants. Does not inhibit bacteria in waste treatment facilities. Polymer Resin is biodegradable. Product is not RCRA hazardous.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL: See section 6.

SECTION 14. TRANSPORT INFORMATION

DOT INFORMATION: Not regulated for land, air or sea transport.

SECTION 15. REGULATORY INFORMATION

US FEDERAL REGULATIONS: TSCA The intentional ingredients of this product are listed.

CERCLA RQ – 40 CFR 302.4 (a) None listed.

SARA 302 Components 40 CFR 355 Appendix A: None

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate () Delayed () Fire () Reactive () Sudden Release of Pressure ()

SARA 313 Components – None

40 CFR 372.65

OSHA Process Safety Management 29 CFR 1910: None Listed

EPA Accidental Release Prevention 40 CFR 68: None Listed

INTERNATIONAL REGULATIONS, Inventory Status:

AICS (AUSTRALIA), DSL (CANADA), ECL (SOUTH KOREA), EINECS (EUROPE), ENCS (JAPAN), IECSC (CHINA), PICCS (PHILIPPINES). The intentional ingredients of this product are listed.

STATE AND LOCAL REGULATIONS:

California Proposition 65

This product contains trace chemicals known to the state of California to cause cancer.

| Component | CAS # | Amount |
|----------------|----------|------------|
| Formaldehyde | 50-00-0 | < 0.04500% |
| Ethyl acrylate | 140-88-5 | < 0.00600% |
| Acetaldehyde | 75-07-0 | < 0.00370% |
| Acrylamide | 79-06-1 | < 0.00200% |
| Acrylonitrile | 107-13-1 | < 0.00075% |

New Jersey RTK Label Information

This product contains a trace component that may require identification. Formaldehyde CAS # 50-00-0, in the amount of < 0.04500 %.

Pennsylvania RTK Label Information

This product contains a trace component that may require identification. Formaldehyde CAS # 50-00-0, in the amount of < 0.04500 %.

Massachusetts (Hazardous substances disclosure by employers)

The following components of this product appear on the Massachusetts Substance List and are present at trace levels that could require identification.

| Component | CAS # | Amount |
|----------------|----------|------------|
| Formaldehyde | 50-00-0 | < 0.04500% |
| Ethyl acrylate | 140-88-5 | < 0.00600% |
| Acetaldehyde | 75-07-0 | < 0.00370% |
| Acrylamide | 79-06-1 | < 0.00% |
| Acrylonitrile | 107-12-1 | < 0.00075% |

SECTION 16. OTHER INFORMATION

DISCLAIMER: Information contained herein is believed to be accurate at the time of preparation. All statements or suggestions are made with no warranty, expressed or implied, regarding accuracy of the information obtained from our suppliers of raw materials as to hazards connected with the use of the product or as to results when used alone or with the material of others. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.