

ALGISLO™

Revised 10/29/2014

Section 1: Identification

- Product identifier: ALGISLO
- Part Number: SM300502W, SM300506W, SM300524W, SM300502R, SM300506R, SM300524W
- Manufactured by: EnvironMolds, LLC /18 Bank Street/ Suite 1/ Summit NJ 07901
- Emergency Telephone: 1-866-278-6653
- Recommended uses: 1) RETARDER: Slows set time of impression materials; 2) BONDER Use to bond layers of impression material (alginate); and 3) SOFTENER softens dried alginate in order to remove from fabric; and 4) DE-LAYER applied to alginate surfaces to delay surface setting of alginate in order to provide time to imbed fibers

Section 2: Hazard(s) Identification

A. EMERGENCY OVERVIEW:

- Physical Appearance and Odor: Translucent green odorless liquid.
- Hazard Classification: IRRITATION. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION.

B. POTENTIAL HEALTH EFFECTS:

- Acute Eye: Severe irritant. May cause redness, burns.
- Acute Skin: Low acute dermal toxicity. May cause irritation.
- Acute Inhalation: Low acute inhalation toxicity. Dusts may cause upper respiratory tract irritation.
- Acute Ingestion: Harmful if ingested. May cause burns to mouth and esophagus, nausea, vomiting, diarrhea.
- Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

WARNING



Section 3: Composition/Information on Ingredients

Component	CAS Reg Number	OSHA Hazard	Percentage
• TETRASODIUM PYROPHOSPHATE, ANHYDROUS	7722-88-5	Y	Trade Secret
• Mixtures– Trade Secret			

Section 4: First-Aid Measures

- Eye Exposure: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 15 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.
- Skin Exposure: In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes while washing. Clean contaminated clothing and shoes before re-use or discard if they cannot be thoroughly cleaned.
- Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink and do not induce vomiting. Do not give anything by mouth to an unconscious victim. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Persons attending the victim should avoid direct contact with heavily contaminated clothing and vomitus. Wear impervious gloves while decontaminating skin and hair.

Section 5: Fire-Fighting Measures

- Flash Point (method used): Non Combustible
- Flammability (explosive limits): LEL: N/A UEL: N/A
- Extinguishing media: N/A
- Special fire fighting procedures: N/A
- Unusual fire and Explosion hazards: N/A

Section 6: Accidental Release Measures

- Containment of Spill: Follow procedure described below under Cleanup and Disposal of Spill.
- Cleanup and Disposal of Spill: Wipe up and place in an appropriate closed container (see Section 7: Handling and Storage). Clean up residual material by washing area with water and detergent. Collect washings for disposal. Decontaminate tools and equipment following cleanup.
- Environmental and Regulatory Reporting: Do not flush to drain. If spilled on the ground, the affected area should be scraped clean and placed in a appropriate container for disposal. Prevent material from entering public sewer system or any waterways. Large spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

Section 7: Handling and Storage

- Precautions to be taken in handling and storage: Observe normal warehouse handling procedures. Store in a cool dry area. Store away from foodstuffs and beverages.
- Other precaution: The avoidance of any air contaminant is always a recommended practice. Adherence to work place ventilation standards is an assurance of general personal health and comfort.

Section 8: Exposure Controls/Personal Protection

- Respiratory protection: Recommended NIOSH approved nuisance dust mask. <10X PEL, use 3M 9900; <100X PEL, use MSA Ultra-twin with H Filter; <200X PEL, use MSA 01-00-06 with type C supplied for air unit (continuous flow mode); or equivalent.
- Ventilation: Use sufficient natural or mechanical ventilation to keep aerosol level below PEL.
- Protective gloves: N/A
- Eye protection: Goggles or safety glasses with shields
- 8.5 Other protective clothing or equipment: N/A
- 8.6 Work/Hygienic practices: Observe normal care when working with chemicals.

NFPA HAZARD CLASSIFICATIONS	
Health	2
Flammability	0
Reactivity	0
Specific Hazard	N/A

Section 9: Physical and Chemical Properties

- **Vapor Pressure:** N/A
- **Vapor Density:** N/A
- **Solubility in water:** Soluble
- **Appearance and odor:** Blue-green tinted liquid
- **3.7 Melting point:** N/A
- **3.8 Evaporation rate:** N/A

Section 10: Stability and Reactivity

- **Stability:** Unstable: **Stable:** X
- **Conditions to avoid:** Contact between tetrasodium pyrophosphate and strong oxidizing agents or acids should be avoided.
- **Incompatibility (materials to avoid):** N/A
- **Hazardous decomposition or byproducts:** N/A
- **Hazardous polymerization:** May Occur: May not occur: X

Section 11: Toxicological Information

- **Acute Eye Irritation:** eye - eye irritation, rabbit. Moderately to severely irritating.
- **Acute Skin Irritation:** skin - skin irritation, rabbit. Non-irritating.
- **Acute Dermal Toxicity:** LD50 - lethal dose 50% of test species, > 2000 mg/kg, rabbit.
- **Acute Respiratory Irritation:** No test data found for product.
- **Acute Inhalation Toxicity:** No test data found for product.
- **Acute Oral Toxicity:**
 - LD50 - lethal dose 50% of test species, 4000 mg/kg, rat.
 - LD50 - lethal dose 50% of test species, 2980 mg/kg, mouse.
 - LD50 - lethal dose 50% of test species, 2150 mg/kg, rat (male).
 - LD50 - lethal dose 50% of test species, 1825 mg/kg, rat (female).
- **Chronic Toxicity:** This product does not contain any substances that are considered by OSHA, NTP, IARC or AC-GIH to be "probable" or "suspected" human carcinogens. No additional test data found for product.

Section 12: Ecological Information

- **Ecotoxicological Information:** No data found for product.
- **Chemical Fate Information:** No specific biodegradation test data located. While the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

Section 13: Disposal Considerations

- **Waste Disposal Method:** Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.
- **Container Handling and Disposal:** Rinse containers before disposal.
- **EPA Hazardous Waste - NO**

Section 14: Transport Information

- Transportation Status: IMPORTANT! Statements below provide additional data on listed DOT classification. The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.
- US Department of Transportation
Shipping Name: NOT REGULATED

Section 15: Regulatory Information

- FDA Status: This product meets the compositional requirements of: 21 CFR 182.6789 TETRA SODIUM PYROPHOSPHATE
- STATE REGULATIONS: This product does not contain any components that are regulated under California Proposition 65.

Section 16: Other Information

- National Fire Protection Association Hazard Ratings--NFPA(R):
3 Health Hazard Rating--Serious
0 Flammability Rating--Minimal
0 Instability Rating--Minimal
- National Paint & Coating Hazardous Materials Identification System--HMIS(R):
3 Health Hazard Rating--Serious
0 Flammability Rating--Minimal
0 Reactivity Rating--Minimal
- Reason for Revisions: Regulatory Review and Update.
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