

MATERIAL SAFETY DATA SHEET

SECTION I – Product/Company Identification

1.1 Product Trade Name: ALGISLO
1.2 Part (Item) Number: SM300502W, SM300506W, SM300524W, SM300502R, SM300506R, SM300524W
1.3 Division Name: ArtMolds
1.4 Address: 18 Bank Street
City State ZIP: Summit NJ 07901
1.5 Emergency Telephone: 1-866-278-6653
1.6 Information Telephone: 1-908-273-5401
1.7 Date Prepared: 7-01-05 **Date Revised:** 7-01-05

SECTION II – Hazardous Ingredients/Identity Information

Hazardous Components

Tetrasodium Pyrophosphate

SECTION III – Physical/Chemical Properties

3.1 Boiling Point: N/A
3.2 Vapor Pressure: N/A
3.3 Vapor Density: N/A
3.4 Solubility in water: Soluble
3.5 Appearance and odor: Blue tinted liquid
3.6 Specific Gravity: 2.534 g/cm³
3.7 Melting point: N/A
3.8 Evaporation rate: N/A

SECTION IV – Fire and Explosion Hazard Data

4.1 Flash Point (method used): N/A
4.2 Flammability (explosive limits): LEL: N/A UEL: N/A
4.3 Extinguishing media: N/A
4.4 Special fire fighting procedures: N/A
4.5 Unusual fire and Explosion hazards: N/A

SECTION V – Reactivity Data

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

SECTION VI – Health Hazard Data

6.1 Primary routes(s) of entry: Inhalation?: Yes Skin?: No Ingestion?: Yes
6.2 Health Hazards (acute and chronic): Acute: Transitory upper respiratory irritation or eye irritation
6.3 Carcinogenicity: NTP?: Proposed IARC monographs: Yes (Group 1) OSHA Regulated?: No
6.4 Signs and symptoms of exposure: Inhalation: Irritation and soreness in throat and nose. In extreme exposures some congestion may occur. Eyes: temporary irritation or inflammation. Not hazardous when ingested.

6.5 Medical conditions generally aggravated by exposure:

Pre-existing upper respiratory and lung diseases such as but not limited to bronchitis, emphysema, and asthma. **Target organs:** Lungs and eyes.

6.6 Emergency First aid procedures:

Remove to fresh air. Drink water to clear throat and blow nose to evacuate spray. For eyes flush with copious amounts of water for 15 minutes. If irritation persists consult a physician.

SECTION VII – Precautions for Safe Handling

7.1 Steps to be taken in case material is released or spilled:

Mop up spilled material and place in closed containers for disposal.

7.2 Waste Disposal methods:

Dispose of in accordance with Federal, State and Local regulations

7.3 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.

7.4 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 VII – Control Measure / Personal Protection

8.1 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.

8.2 Ventilation:

Use sufficient natural or mechanical ventilation to keep aerosol level below PEL.

8.3 Protective gloves:

N/A

8.4 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 – National Fire Protection Association
N/A – Not Applicable
N/E – Not Established

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