

SAFETY DATA SHEET

Current Revision: 1, 3/10/2016	Prepared By: Ben Ward, Product Engineer
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I. IDENTIFICATION

EMERGENCY PHONE: <p style="text-align: center;">CHEMTREC- (800) 424-9300 CCN: 19481</p>	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: STM SETTLE 20	
SYNONYMS: Flocculent agent.	

Recommended Use:

Glass settling agent.

Restrictions:

N/A

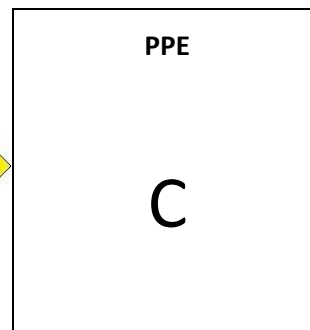
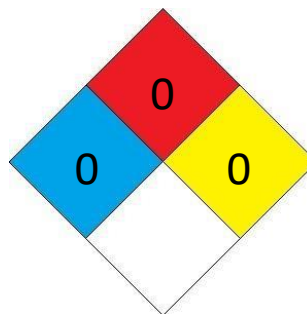
II. HAZARD IDENTIFICATION

Classification (§1910.1200):

Not classified as hazardous by GHS standards.

Signal Word/Symbols:

NFPA 704



N/A

Hazard Statement:

N/A

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Precautionary Statement:

N/A

Miscellaneous Hazards:

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Proprietary Chemical:

Aquatic Acute Haz Cat 3 H402 Harmful to aquatic life

Aquatic Chronic Haz Cat 3 H412 Harmful to aquatic life with long lasting effects **Unknown**

Acute Toxicity Statement:

N/A

III.COMPOSITION

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Aluminum Chlorohydrate		12042-91-0	35-40
Proprietary Chemical		Proprietary	25

*Information withheld as a trade secret **Classified**

Impurities and Additives:

N/A

IV.FIRST AID MEASURES

Inhalation:

When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact:

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Wash with skin plenty of soap and water. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

Eye Contact:

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

Symptoms/Effects:

May cause respiratory, skin, and eye irritation. Ingestion is likely to be harmful or have adverse effects.

Level Of Medical Attention Needed:

If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media:

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific Hazards:

N/A

Special Protective Equipment:

Do not enter fire area without proper protective equipment, including respiratory protection.

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VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

Protective Equipment:

Use appropriate personal protection equipment (PPE).

Emergency Procedures:

Evacuate unnecessary personnel. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Methods for Cleanup/Removal:

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

VII. HANDLING AND STORAGE

Handling Precautions:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, or spray.

Safe Storage Conditions:

Keep container closed when not in use. Store in a dry, cool, well ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container.

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Incompatibilities:

Strong acids, strong bases, strong oxidizers.

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

OSHA PEL:	ACGIH TLV:	OTHER EXPOSURE LIMITS:
Aluminum Chlorohydrate: 15 mg/m ³ (Total Particulate) 5 mg/m ³ (Respirable Partic)	Aluminum Chlorohydrate: 1 mg/m ³ TWA (Respirable Partic)	N/A

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Measures:

Gloves. Protective clothing. Protective goggles. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Colorless pale yellow liquid.

Odor: Bland	Odor Threshold: N/A	Ph: 4-4.5
Melting/Freezing Point: 20 °F (-6.6 °C)	Boiling Point: 212 °F (100 °C)	Boiling Range: N/A

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Flash Point: Non-combustible	Evaporation Rate: N/A	Flammability (Solid, Gas): N/A
Upper/Lower Flammability/Explosive Limit: N/A	Vapor Pressure: N/A	Vapor Density: N/A
Relative Density: 1.25 - 1.34	Solubility (ies): Miscible	Partition Coefficient: NOctanol/Water: N/A
Auto Ignition Temperature: N/A	Decomposition Temperature: N/A	Viscosity: N/A

X.STABILITY AND REACTIVITY

Reactivity:

Hazardous reactions are not expected to occur under normal conditions.

Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid: Static Discharge, Shock, Vibrations, Etc.

Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products:

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Thermal decomposition generates: Toxic and irritating vapors.

XI. TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Inhalation, ingestion, skin, and eye.

Symptoms Related To Toxicological Characteristics:

May cause respiratory, skin, and eye irritation. Ingestion is likely to be harmful or have adverse effects.

Delayed, Immediate, and Chronic Effects:

N/A

Numerical Toxicity Measurements:

Aluminum Chlorohydrate (12042-91-0)

LD50 Oral Rat 9187 mg/kg

LD50 Dermal Rat > 2000 mg/kg

NTP/IARC/OSHA Known Carcinogen:

Not classified

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

Short term:

LC50 Danio rerio 10 - 100mg/l (Exposure time: 96 h)

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EC 50 Daphnia magna 38 mg/l (Exposure time: 48

h) **Persistence and Degradability:** Not readily biodegradable.

Bioaccumulative Potential:

This product has no potential for bioaccumulation.

Soil Mobility:

No additional information available.

Other Adverse Effects:

Avoid release to the environment.

XIII. DISPOSAL CONSIDERATIONS

Waste Residue and Disposal:

Dispose of contents/container in accordance with local, regional, national, and international regulations. Container may remain hazardous when empty. Continue to

observe all precautions.

Avoid release to the environment. Keep out of sewers and waterways.

XIV. TRANSPORT INFORMATION

UN Number: Not regulated	UN Proper Shipping Name: Not regulated	Transport Hazard Class (es): Not regulated
Packing Group: Not regulated	Environmental Hazards: Not regulated	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) Not regulated

Special Precautions:

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XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

All ingredients are listed on the United States TSCA (Toxic Substances Control Act) inventory

XVI. OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Salem Fabrication Supplies. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Salem Fabrication Supplies assumes no legal responsibility for use of or reliance upon this information.

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