

## SAFETY DATA SHEET

Current Revision: 1, 11/11/2016	Prepared by: Ben Ward, Product Engineer
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### I. IDENTIFICATION

<b>EMERGENCY PHONE:</b> <p style="text-align: center;"><b>CHEMTREC- (800) 424-9300</b> <b>CCN: 19481</b></p>	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: <b>(800) 234-1982</b>
<b>PRODUCT NAME:</b> STM-920	
<b>SYNONYMS:</b> Synthetic coolant.	

**Recommended Use:**

Synthetic glass grinding fluid.

**Restrictions:**

Professional and industrial use.

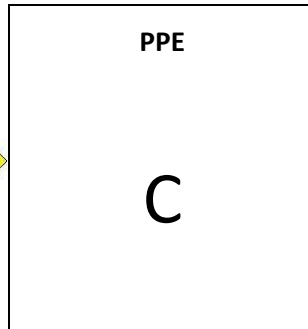
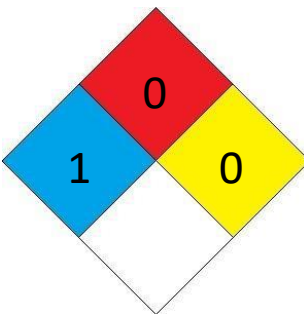
### II. HAZARD IDENTIFICATION

**Classification (§1910.1200):**

Eye Irrit. 2A H319

**Signal Word/Symbols:**

**NFPA 704**



WARNING

**Hazard Statement:**

**GO BEYOND THE EDGE**

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5901 Gun Club Road  
 Winston-Salem, NC 27103  
**Office:** 800.234.1982 | 336.766.1104

**CALIFORNIA**

10125 Shoemaker Avenue  
 Santa Fe Springs, CA 90670  
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H319 - Causes serious eye irritation.

**Precautionary Statement:**

P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P273 - Avoid release to the environment.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - If on skin: Wash with plenty of water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Miscellaneous Hazards:**

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. May be harmful to environment if released in large quantities.

**Unknown Acute Toxicity Statement:**

7.1 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

**III.COMPOSITION**

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Proprietary chemical 1	N/A	N/A	<1
Proprietary chemical 2	N/A	N/A	<0.5

\*Information withheld as a trade secret

**Classified Impurities and Additives:**

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None known.

## 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:

Remove contaminated clothing. Drench affected area with water for at least 15 minutes. 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 persists.

### Ingestion:

Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### Symptoms/Effects:

Causes serious eye irritation.  
Prolonged exposure may cause irritation.  
Prolonged exposure may cause irritation.  
Contact causes severe irritation with redness and swelling of the conjunctiva.  
Ingestion may cause adverse effects.

### Level of Medical Attention Needed:

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## V. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media:

Use extinguishing media appropriate for surrounding fire.

### Unsuitable Extinguishing Media:

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

**Specific Hazards:**

Product is not flammable, explosive, or reactive under normal conditions.

**Special Protective Equipment:**

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

## VI. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing.

**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. Equip cleanup crew with proper protection.

**Methods for Cleanup/Removal:**

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. 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:**

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Provide adequate ventilation. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing.

**Safe Storage Conditions:**

Store at room temperature. Do not freeze. Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatibilities:**

Strong acids, strong bases, strong oxidizers.

**VIII.EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT**

OSHA PEL:	ACGIH TLV:	OTHER EXPOSURE LIMITS:
N/A	N/A	None established.

**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. Chemical safety goggles.  
If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**IX.PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

Pale yellow/clear liquid.

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<b>Odor:</b> No data available.	<b>Odor Threshold:</b> No data available.	<b>pH:</b> 9.09
<b>Melting/Freezing Point:</b> No data available.	<b>Boiling Point:</b> No data available.	<b>Boiling Range:</b> No data available.
<b>Flash Point:</b> No data available.	<b>Evaporation Rate:</b> No data available.	<b>Flammability (Solid, Gas):</b> No data available.
<b>Upper/ Lower Flammability/ Explosive Limit:</b> No data available.	<b>Vapor Pressure:</b> No data available.	<b>Vapor Density:</b> No data available.
<b>Relative Density:</b> No data available.	<b>Solubility (ies):</b> Water, complete.	<b>Partition Coefficient: NOctanol/Water:</b> No data available.
<b>Auto Ignition Temperature:</b> No data available.	<b>Decomposition Temperature:</b> No data available.	<b>Viscosity:</b> No data available.

## X.STABILITY AND REACTIVITY

### Reactivity:

Hazardous reactions will not 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.

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**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:**

None known. Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>) Nitrogen oxides.

## XI. TOXICOLOGICAL INFORMATION

**Possible Exposure Routes (Inhalation Etc.):**

Eye, lung, ingestion, and skin.

**Symptoms Related To Toxicological Characteristics:**

Prolonged exposure may cause irritation.

Prolonged exposure may cause irritation.

Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion may cause adverse effects.

**Delayed, Immediate, and Chronic Effects:**

None known.

**Numerical Toxicity Measurements:**

None known.

**NTP/IARC/OSHA Known Carcinogen:**

Not a known carcinogen.

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**XII. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Not established. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence and Degradability:**

Not established.

**Bioaccumulative Potential:**

No additional information available.

**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

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

**XIV. TRANSPORT INFORMATION**

<b>UN Number:</b>	<b>UN Proper Shipping Name:</b>	<b>Transport Hazard Class (es):</b>
Not regulated.	Not regulated.	Not regulated.

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<b>Packing Group:</b> Not regulated.	<b>Environmental Hazards:</b> Not regulated.	<b>Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code)</b> Not regulated.
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**Special Precautions:**

Avoid release to the environment.

**XV. REGULATORY INFORMATION**

**Environmental/ Health/ Safety:**

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard.

**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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