



## SAFETY DATA SHEET

Current Revision: 1, 1/6/2017	Prepared by: Ben Ward, Product Engineer
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### I. IDENTIFICATION

<b>EMERGENCY PHONE:</b> <b>CHEMTREC- (800) 424-9300</b> <b>CCN: 19481</b>	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: <b>(800) 234-1982</b>
<b>PRODUCT NAME:</b> STM-CUT 6	
<b>SYNONYMS:</b> Light organic base oil.	

#### Recommended Use:

Glass scoring fluid.

#### Restrictions:

Professional and industrial use.

### II. HAZARD IDENTIFICATION

#### Classification (§1910.1200):

Skin Irrit. 2 H315  
STOT SE 3 H336  
Asp. Tox. 1 H304

GO BEYOND THE EDGE

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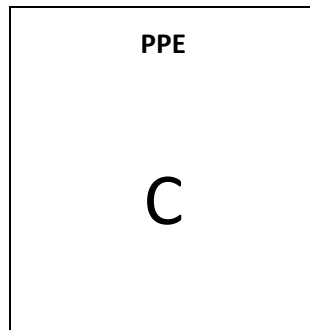
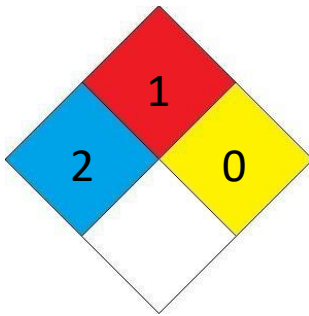
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**Signal Word/Symbols:**

DANGER



**NFPA 704**



**Hazard Statement:**

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

**Precautionary Statement:**

P261 - Avoid breathing vapors, mist, or spray.

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

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

P301+P310 - If swallowed: Immediately call a poison center or doctor.

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

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P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (see section 4 on this SDS).  
P331 - Do NOT induce vomiting.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash it before reuse.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Miscellaneous Hazards:**

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Toxic to aquatic life with long lasting effects.

**Unknown Acute Toxicity Statement:**

No data available.

**III.COMPOSITION**

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Petroleum distillates, hydrotreated light	N/A	64742-47-8	<50
Proprietary additive	N/A	N/A	<2

\*Information withheld as a trade secret

**Classified Impurities and Additives:**

None known.

**IV.FIRST AID MEASURES**

**Inhalation:**

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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.

**Ingestion:**

Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician. If vomiting occurs, keep head below waistline.

**Symptoms/Effects:**

Causes skin irritation. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.

After inhalation: high concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

After skin contact: redness, pain, swelling, itching, burning, dryness, and dermatitis.

May cause slight irritation to eyes.

Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**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.

Use water spray or fog for cooling exposed containers.

**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:**

Not considered flammable but may burn at high temperatures. Product is not explosive. Hazardous reactions will not occur under normal conditions. Do not allow run-off from firefighting to enter drains or water courses.

**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). See section 8.

**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. 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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Ensure 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 eyes, skin and clothing.

**Safe Storage Conditions:**

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, and strong oxidizers.

**VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT**

OSHA PEL:	ACGIH TLV:	OTHER EXPOSURE LIMITS:
N/A	TWA 200 mg/m <sup>3</sup> (total hydrocarbon vapor)	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:**

- Chemically resistant materials and fabrics.
  - Protective clothing.
  - Protective gloves.
  - Chemical safety goggles.
- If exposure limits are exceeded or irritation occurs, respiratory protection should be worn.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

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Light amber/clear liquid.

<b>Odor:</b> No data available.	<b>Odor Threshold:</b> No data available.	<b>pH:</b> No data available.
<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> >250 °F (>121 °C)	<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> 0.863	<b>Solubility (ies):</b> Insoluble	<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> 8.3 cSt @ 40 °C

## 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:

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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, and strong oxidizers.

**Hazardous Decomposition Products:**

Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides. Metal oxides. Hydrogen sulfide.

## XI. TOXICOLOGICAL INFORMATION

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

Skin, eyes, lungs, aspiration, and ingestion

**Symptoms Related To Toxicological Characteristics:**

Skin redness, pain, swelling, itching, burning, dryness, and dermatitis.

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways. Can cause lung injury.

Inhalation of high concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

May cause slight irritation to eyes.

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

Repeated exposure may cause skin dryness or cracking.

**Numerical Toxicity Measurements:**

LD50 Oral rat > 5000 mg/kg

LD50 Dermal rabbit > 2000 mg/kg

LC50 Inhalation rat > 5.2 mg/l/4h

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

Not classified.

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## XII. ECOLOGICAL INFORMATION

### Ecotoxicity:

LC50 Fish 45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

LC50 Fish 2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

### Persistence and Degradability:

Not established.

### Bioaccumulative Potential:

BCF fish 61-159

### Soil Mobility:

No additional information available.

### Other Adverse Effects:

Toxic to aquatic life with long lasting 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. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## XIV. TRANSPORT INFORMATION

<b>UN Number:</b> Not regulated.	<b>UN Proper Shipping Name:</b> Not regulated.	<b>Transport Hazard Class (es):</b> Not regulated.
<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.  
All components in the mixture are listed on the United States TSCA

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(Toxic Substances Control Act) inventory.  
Neither this product nor its chemical components appear on any US state lists.

**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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