



SAFETY DATA SHEET

Current Revision: 1, 10/31/2017	Prepared by: Ben Ward, Product Engineer
I. IDENTIFICATION	
EMERGENCY PHONE: CHEMTREC- (800) 424-9300 CCN: 19481	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: STM-CUT 5	
SYNONYMS: Light organic base oil.	

Recommended Use:

Glass scoring fluid.

Restrictions:

Professional and industrial use.

II. HAZARD IDENTIFICATION

Classification (§1910.1200):

Flam. Liq. 4 H227 Asp.
Tox. 1 H304
Skin Irrit. 2 H315
Eye Irrit. 2B H320
STOT SE 3 H335

GO BEYOND THE EDGE

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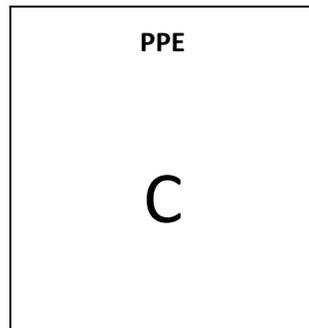
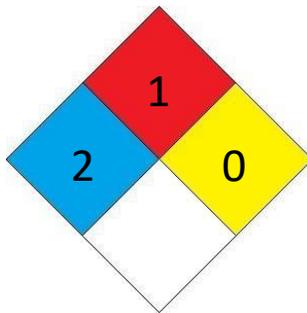
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STOT SE 3 H336 Signal Word/Symbols:

DANGER
NFPA 704



Hazard Statement:

- H227 - Combustible liquid.
- H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation.
- H320 - Causes eye irritation
- H335 - May cause respiratory irritation.
- H336 - May cause drowsiness or dizziness.

Precautionary Statement:

- P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.
- 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.

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P301+P310+P331 - If swallowed do NOT induce vomiting. Immediately call a poison center or doctor.

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

P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a poison center or doctor if you feel unwell.

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

P332+P313 - If skin irritation occurs: Get medical advice/attention.

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

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

P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide to extinguish. P391 - Collect spillage.

P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.

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.

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	40
Proprietary chemical 1	N/A	N/A	<40

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Distillates (petroleum), hydrotreated light naphthenic	N/A	64742-53-6	<21
Proprietary chemical 2	N/A	N/A	<1

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

Impurities and Additives:

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.

Ingestion:

Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician. If vomiting occurs, have person lean forward.

Symptoms/Effects:

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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. May cause respiratory irritation.

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

After eye contact: may cause slight irritation to eyes.

After ingestion: 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:

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media:

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

Specific Hazards:

Combustible liquid. Under fire conditions, hazardous fumes will be present. May form flammable or explosive vapor-air mixture. Reacts violently with strong oxidizers. Increased risk of fire or explosion.

Do not allow run-off from fire fighting to enter drains or water courses.

Special Protective Equipment:

Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection.

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VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. 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. Eliminate ignition sources.

Methods for Cleanup/Removal:

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage. As an immediate precautionary measure, isolate spill or leak area in all directions. 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. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. 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. Avoid breathing vapors, mist, spray. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid contact with eyes, skin and clothing.

Safe Storage Conditions:

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Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatibilities:

Strong acids, strong bases, strong oxidizers. Sources of ignition. Direct sunlight. Heat sources.

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

OSHA PEL:	ACGIH TLV:	OTHER EXPOSURE LIMITS:
<p>Petroleum distillates, hydrotreated light: TWA 5 mg/m³</p> <p>Distillates (petroleum), hydrotreated light naphthenic: TWA (mg/m³) 5 mg/m³ (inhalable fraction)</p> <p>Proprietary chemical 1: TWA 5 mg/m³ (inhalable fraction)</p>	<p>Petroleum distillates, hydrotreated light: TLV 200 mg/m³</p> <p>Distillates (petroleum), hydrotreated light naphthenic: ACGIH TWA 5 mg/m³ (mists/aerosols) ACGIH STEL 10 mg/m³ (mists/aerosols)</p> <p>Proprietary chemical 1: ACGIH TWA 5 mg/m³ (mists/aerosols); ACGIH STEL 10 mg/m³ (mists/aerosols)</p>	<p>N/A</p>

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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. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosionproof equipment.

Personal Protective Measures:

Chemically resistant materials and fabrics. Gloves. Protective clothing. Chemical safety goggles. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

When using, do not eat, drink or smoke.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Amber/clear liquid.

Odor: Characteristic hydrocarbon solvent odor	Odor Threshold: No data available.	pH: No data available.
Melting/Freezing Point: No data available.	Boiling Point: No data available.	Boiling Range: No data available.
Flash Point: >145 °F (>63 °C)	Evaporation Rate: No data available.	Flammability (Solid, Gas): No data available.
Upper/ Lower Flammability/ Explosive Limit: No data available.	Vapor Pressure: No data available.	Vapor Density: No data available.

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Relative Density: 0.851	Solubility (ies): No data available.	Partition Coefficient: NOctanol/Water: No data available.
Auto Ignition Temperature: No data available.	Decomposition Temperature: No data available.	Viscosity: No data available.

X.STABILITY AND REACTIVITY

Reactivity:

Stable under normal conditions. Reacts violently with strong oxidizers. Increased risk of fire or explosion.

Chemical Stability:

Combustible liquid. May form flammable or explosive vapor-air mixture.

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

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

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

Incompatible Materials:

Strong acids, strong bases, and strong oxidizers.

Hazardous Decomposition Products:

Thermal decomposition generates: Carbon oxides (CO, CO₂). Hydrocarbons.

XI.TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Skin, eyes, lungs, aspiration, and ingestion

Symptoms Related To Toxicological Characteristics:

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Skin redness, pain, swelling, itching, burning, dryness, and dermatitis. Aspiration into the lungs can occur during ingestion or vomiting and may 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:

Petroleum distillates, hydrotreated light:

LD50 Oral rat > 5000 mg/kg

LD50 Dermal rabbit > 2000 mg/kg

LC50 Inhalation rat > 5.2 mg/l/4h

Distillates, petroleum, hydrotreated light naphthenic:

LD50 Oral Rat > 5000 mg/kg

LD50 Dermal Rabbit > 2000 mg/kg

NTP/IARC/OSHA Known Carcinogen:

Not classified.

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

No additional information available.

Persistence and Degradability:

No additional information available.

Bioaccumulative Potential:

No additional information available.

Soil Mobility:

No additional information available.

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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. Handle empty containers with care because residual vapors are flammable. Avoid release to the environment. Keep out of sewers and waterways.

XIV. TRANSPORT INFORMATION

<p>UN Number: NA1993</p>	<p>UN Proper Shipping Name: COMBUSTIBLE LIQUID, N.O.S. (Petroleum distillates, hydrotreated light)</p>	<p>Transport Hazard Class (es): Not regulated.</p>
<p>Packing Group: III</p>	<p>Environmental Hazards: Not regulated.</p>	<p>Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) Not regulated.</p>

Special Precautions:

ERG Number: 128

Footnote: This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

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XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

SARA Section 311/312 Hazard Classes: Fire Hazard; Immediate (acute) health hazard.
All components in the mixture are listed on the United States TSCA (Toxic Substances Control Act) inventory.

U.S. - Massachusetts - Right To Know List:

Distillates, petroleum, hydrotreated light naphthenic

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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