



## SAFETY DATA SHEET

Current Revision: 1, 1/22/2017	Prepared by: Ben Ward, Product Engineer
<b>I. IDENTIFICATION</b>	
<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: STM-CUT 14</b>	
<b>SYNONYMS: N/A</b>	

### Recommended Use:

Scoring fluid.

### Restrictions:

Professional and industrial use.

## II. HAZARD IDENTIFICATION

### Classification (§1910.1200):

Flam. Liq. 4 H227

Asp. Tox. 1 H304

### Signal Word/Symbols:

DANGER

#### Hazard Statement:

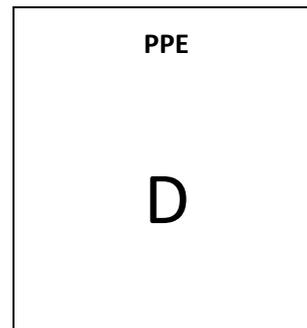
H227 - Combustible liquid.

H304 - May be fatal if swallowed and enters airways.

### Precautionary Statement:

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

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



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Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

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

Not data available.

**III.COMPOSITION**

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Naptha (petroleum), hydrotreated heavy	N/A	6472-48-9	100

**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.

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**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:**

May be fatal if swallowed and enters airways.  
Minimally toxic on inhalation. Negligible hazard at ambient/normal handling temperatures.  
Minimally toxic on skin contact. May dry the skin leading to discomfort and dermatitis.  
May cause slight, short-lasting discomfort 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:**

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). 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. A heavy water stream may spread burning liquid.

**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.  
Use water spray or fog for cooling exposed containers. In case of major fire and large quantities:

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Evacuate area. Fight fire remotely due to the risk of explosion.

**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). 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. Ensure adequate ventilation.

### 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. Eliminate ignition sources.

### Methods for Cleanup/Removal:

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:

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Ensure adequate ventilation. Handle empty containers with care because residual vapors are flammable.

Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Safe Storage Conditions:**

Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures, sparks, open flames, and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers.

**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:
400 mg/m <sup>3</sup> TWA	N/A	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 gloves, protective clothing, and protective goggles/face shield. Insufficient ventilation or irritation is experienced: wear respiratory protection. When using, do not eat, drink or smoke.

**IX.PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

Clear/colorless liquid.

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<b>Odor:</b> Odorless	<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> See range.	<b>Boiling Range:</b> 372°-408° F (189°-209° C)
<b>Flash Point:</b> 144°F (62 °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> 0.041 kPa @ 20° C	<b>Vapor Density:</b> 5.6 @ 101 kPa
<b>Relative Density:</b> 0.765	<b>Solubility (ies):</b> Negligible	<b>Partition Coefficient: NOctanol/Water:</b> No data available.
<b>Auto Ignition Temperature:</b> 635° F (335° C)	<b>Decomposition Temperature:</b> No data available.	<b>Viscosity:</b> 1.56 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).

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**Possibility of Hazardous Reactions:**

Hazardous polymerization will not occur.

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

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible Materials:**

Strong acids, strong bases, strong oxidizers.

**Hazardous Decomposition Products:**

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

**XI. TOXICOLOGICAL INFORMATION**

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

Inhalation, skin, eye, and ingestion.

**Symptoms Related To Toxicological Characteristics:**

Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. May be fatal if swallowed and enters airways.

May cause slight, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Minimally toxic with skin contact. May dry the skin leading to discomfort and dermatitis.

Based on test data for structurally similar materials.

Minimally toxic. Negligible hazard at ambient/normal handling temperatures.

**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:**

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and Degradability:**

No data available.

**Bioaccumulative Potential:**

No data available.

**Soil Mobility:**

No data available.

**Other Adverse Effects:**

No known significant effects or critical hazards. 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**

<b>UN Number:</b> 1268	<b>UN Proper Shipping Name:</b> PETROLEUM DISTILLATES, N.O.S	<b>Transport Hazard Class (es):</b> COMBUSTIBLE LIQUID
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<b>Packing Group:</b> III	<b>Environmental Hazards:</b> None known.	<b>Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code)</b> N/A
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**Special Precautions:**

ERG Number: 128

UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

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.

**XV. REGULATORY INFORMATION**

**Environmental/ Health/ Safety:**

SARA Section 311/312 Haz Class: Immediate (acute) health hazard.

All components in the mixture 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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