

SAFETY DATA SHEET

Current Revision: 1, 1/18/2019 Prepared by: Ben Ward, Product Engineer

I.IDENTIFICATION

EMERGENCY PHONE:

CHEMTREC- (800) 424-9300

CCN: 19481

PRODUCT NAME: STM-CUT 8

SYNONYMS: Light organic base oil.

Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103

Information: (800) 234-1982

Recommended Use:

Glass scoring fluid.

Restrictions:

Professional and industrial use.

II.HAZARD IDENTIFICATION

H315

Classification (§1910.1200):

Flam. Liq. 4 H227 Asp. Tox 1 H304

Skin Irrit. 2



Skin Sens. 1 H317 Eye Irrit. 2A H319 STOT SE 3 H335 STOT SE 3 H336

Signal Word/Symbols:

DANGER



NFPA 704 PPE C

Hazard Statement:

- H227 Combustible liquid.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

Precautionary Statement:

GO BEYOND THE EDGE

www.SalemFTG.com



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.

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

Unknown Acute Toxicity Statement:

No data available.

III.COMPOSITION

GO BEYOND THE EDGE

Office: 800.445.6339 | 562.944.6155



CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Petroleum distillates, hydrotreated light	N/A	64742-47-8	>88-<98
1-Butoxy-2-propanol	N/A	5135-66-8	<10
D-Limonene	N/A	5989-27-5	<2

^{*}Information withheld as a trade secret

Classified Impurities and Additives:

None known.

IV.FIRST AID MEASURES

General:

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

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:

Symptoms/Injuries: Causes irritation. Skin sensitization. May cause respiratory irritation. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms as well respiratory tract irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. **Chronic Symptoms**: None known.

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:

Fire Hazard: Combustible liquid. Under fire conditions, hazardous fumes will be present.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

Firefighter Information:



Firefighting Instructions: 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.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

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

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.

Non Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: 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:

For Containment: 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.



Methods for Cleaning Up: 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.

Environmental Precautions:

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

VII.HANDLING AND STORAGE

Handling Precautions:

Additional Hazards When Processed: Ensure adequate ventilation. Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: 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.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Safe Storage Conditions:

Technical Measures: 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.

Storage Conditions: 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:

Incompatible Products: Strong acids, strong bases, strong oxidizers. **Incompatible Materials**: Sources of ignition. Direct sunlight. Heat sources.



VIII.EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

OSHA PEL:

Petroleum distillates, hydrotreated light: TWA 5

mg/m³

ACGIH TLV:

Petroleum distillates, hydrotreated light: TLV 5

mg/m³

OTHER EXPOSURE LIMITS:

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

Personal Protective Measures:

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves. **Eye Protection**: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced,

approved respiratory protection should be worn.

Other Information: When using, do not eat, drink or smoke.

IX.PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Near colorless/clear liquid.

Odor:	Odor Threshold:	pH:
Characteristic hydrocarbon solvent odor	No data available.	No data available.



Melting/Freezing Point: No data available.	Boiling Point: No data available.	Boiling Range: No data available.
Flash Point: >142 °F (>61.1 °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.
Relative Density: 0.795	Solubility (ies): No data available.	Partition Coefficient: NOctanol/Water: No data available.
Auto Ignition Temperature: No data available.	Decomposition Temperature: No data available.	Viscosity: 2.52 cSt @ 40°C

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.

GO BEYOND THE EDGE

PENNSYLVANIA



Incompatible Materials:

Strong acids, strong bases, and strong oxidizers.

Hazardous Decomposition Products:

Thermal decomposition generates: Carbon oxides (CO, CO2). Hydrocarbons. Aldehydes. Ketones. Organic acids.

XI.TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Skin, eyes, lungs, aspiration, and ingestion

Symptoms Related To Toxicological Characteristics:

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness. May

cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): Not classified **Aspiration Hazard**: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms as well respiratory tract irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.



Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. **Chronic Symptoms**: None known.

Numerical Toxicity Measurements:

Petroleum distillates, hydrotreated light: LD50 Oral rat > 5000 mg/kg LC50 Inhalation rat > 5.2 mg/l/4h

D-Limonene:

LD50 Oral Rat > 4400 mg/kg LD50 Dermal Rabbit > 5000 mg/kg

NTP/IARC/OSHA Known Carcinogen:

Not classified.

XII.ECOLOGICAL INFORMATION

Ecotoxicity:

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

LC50 Fish 1 0.702 mg/l (Exposure time: 96 h - Species: Pimephales promelas, Flow through test)

EC50 Daphnia 1 0.36 mg/l (Exposure time: 48 h - Species: Daphnia magna, Static test)

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.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology – Waste Materials: Avoid release to the environment. Keep out of sewers and waterways.

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

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.

XV.REGULATORY INFORMATION

Environmental/ Health/ Safety:

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

1-Butoxy-2-propanol (5131-66-8)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

D-Limonene (5989-27-5)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

XVI. OTHER INFORMATION

Flam. Liq. 3 Flammable liquids Category 3

Flam. Liq. 4 Flammable liquids Category 4

Asp. Tox. 1 Aspiration hazard Category 1

Skin Irrit. 2 Skin corrosion/irritation Category 2

Skin Sens. 1 Skin sensitization Category 1

Eye Irrit. 2A Serious eye damage/eye irritation Category 2A

Eye Irrit. 2B Serious eye damage/eye irritation Category 2B

STOT SE 3 Specific target organ toxicity (single exposure) Category 3

H226 Flammable liquid and vapor

H227 Combustible liquid

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H H319 Causes serious eye irritation



H320 Causes eye irritation H335 May cause respiratory irritation H336 May cause drowsiness or dizziness

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