

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name Super Tech Lubricant

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Flammable Aerosols

Category 1



Gases under pressure	Compressed gas
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**Recommended Use** Corrosion inhibitor

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Name** Technical Chemical Co.

**Supplier Address**  
 3327 Pipeline Road  
 Box 139  
 Cleburne  
 TX  
 76033 US

**Supplier Phone Number** Phone:800-424-9300  
 Contact Phone817-645-6088

**Supplier Email** mhutchinson@technicalchemical.com

**Emergency telephone number**

**Company Emergency Phone Number** 800-424-9300


**2. HAZARDS IDENTIFICATION**

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GHS Label elements, including precautionary statements**

**Emergency Overview**

<b>Signal word</b>	<b>Danger</b>	
Extremely flammable aerosol Contains gas under pressure; may explode if heated		
		
<b>Appearance</b> Light yellow	<b>Physical state</b> Liquid spray Aerosol	<b>Odor</b> Petroleum distillates

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Pressurized container: Do not pierce or burn, even after use  
 Do not spray on an open flame or other ignition source

**Precautionary Statements - Response**

None



**Precautionary Statements - Storage**

Protect from sunlight. Store in a well-ventilated place  
Do not expose to temperatures exceeding 122°F (50°C)

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

4.72% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation  
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION  
May cause slight eye irritation

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
Petroleum distillates, hydrotreated light	64742-47-8	60 - 100	*
Carbon Dioxide	124-38-9	1 - 5	*
Oleic acid	112-80-1	1 - 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures**

<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin contact</b>	In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.
<b>Ingestion</b>	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects**      Difficulty in breathing. Coughing and/ or wheezing. Dizziness.



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**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

Treat symptomatically.



## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

**Specific hazards arising from the chemical**

Some may burn but none ignite readily. Ruptured cylinders may rocket.

**Uniform Fire Code**                      Aerosols: Level III

**Explosion Data**

**Sensitivity to Mechanical Impact** Yes. **Sensitivity**

**to Static Discharge**                      Yes.

**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      Stop leak if you can do it without risk.

**Other Information**                              Ventilate the area.

**Environmental precautions**

**Environmental precautions**                      Prevent entry into waterways, sewers, basements or confined areas.

**Methods and material for containment and cleaning up**

**Methods for containment**                      If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate.

**Methods for cleaning up**                      Do not direct water at spill or source of leak. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling**    Use personal protection equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Use only with adequate ventilation and in closed systems. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid contact with skin and eyes. Avoid breathing vapors or mists.



**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> (as oil mist)	TWA: 5 mg/m <sup>3</sup> (as oil mist)	
Carbon Dioxide 124- 38-9	STEL = 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m <sup>3</sup> (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m <sup>3</sup>	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.





<b>Physical state</b>	Liquid spray, Aerosol		
<b>Appearance</b>	Light yellow	<b>Odor</b>	Petroleum distillates
<b>Color</b>	No information available	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
<b>pH</b>	No data available	None known	
<b>Melting / freezing point</b>	No data available	None known	
<b>Boiling point / boiling range</b>	No data available °C / 300 °F	None known	
<b>Flash Point</b>	No data available	None known	
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	No data available	None known	
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit</b>	No data available		
<b>Lower flammability limit</b>	No data available		
<b>Vapor pressure</b>	No data available	None known	
<b>Vapor density</b>	No data available	None known	
<b>Specific Gravity</b>	0.76	None known	
<b>Water Solubility</b>	Practically insoluble (~0.4 ug/mL)	None known	
<b>Solubility in other solvents</b>	No data available	None known	
<b>Partition coefficient: n-octanol/water</b>	No data available	None known	
<b>Autoignition temperature</b>	No data available	None known	
<b>Decomposition temperature</b>	No data available	None known	
<b>Kinematic viscosity</b>	No data available	None known	
<b>Dynamic viscosity</b>	No data available	None known	
<b>Explosive properties</b>	No data available		
<b>Oxidizing properties</b>	No data available		

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	<b>0%</b>
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	



## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions** None under normal processing.

### Conditions to avoid

Heat, flames and sparks. Excessive heat.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Specific test data for the substance or mixture is not available.

#### Inhalation

Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

#### Eye contact

Specific test data for the substance or mixture is not available. May cause irritation.

#### Skin contact

Repeated exposure may cause skin dryness or cracking.

#### Ingestion

Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Oleic acid 112-80-1	> 5000 mg/kg ( Rat )	-	-

### Information on toxicological effects

#### Symptoms

Difficulty in breathing. Coughing and/ or wheezing.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### STOT - single exposure

No information available.

#### STOT - repeated exposure

No information available.

#### Sensitization

No information available.

#### Mutagenic Effects

No information available.

#### Carcinogenicity

Contains no ingredient listed as a carcinogen.

#### Reproductive toxicity

No information available.





**Chronic Toxicity** No information available.  
**Target Organ Effects** Central Vascular System (CVS). Respiratory system.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document  
 Not applicable

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Petroleum distillates, hydrotreated light 64742-47-8		96h LC50: = 2.2 mg/L (Lepomis macrochirus) 96h LC50: = 2.4 mg/L (Oncorhynchus mykiss) 96h LC50: = 45 mg/L (Pimephales promelas)		96h LC50: = 4720 mg/L
Oleic acid 112-80-1		96h LC50: = 205 mg/L (Pimephales promelas)		

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods**

**Contaminated Packaging** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**US EPA Waste Number** Do not reuse empty containers.

D001

**California Hazardous Waste Codes**

331

**14. TRANSPORT INFORMATION**

**DOT**



**Proper Shipping Name** CONSUMER COMMODITY  
**Hazard Class** ORM-D  
**Description** CONSUMER COMMODITY, ORM-D  
**Emergency Response Guide Number** 126

**TDG**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.1  
**Description** UN1950, AEROSOLS, 2.1

**MEX**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.1  
**Description** UN1950, AEROSOLS, 2

**ICAO**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.1  
**Description** UN1950, AEROSOLS, 2.1

**IATA**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS, FLAMMABLE  
**Hazard Class** 2.1  
**Description** UN1950, AEROSOLS, FLAMMABLE, 2.1

**IMDG/IMO**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.1  
**EmS-No.** F-D, S-U  
**Description** UN1950, AEROSOLS, 2

**RID**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Classification code** 5A  
**Description** UN1950, AEROSOLS, 2.2

**ADR**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.1  
**Classification code** 5F  
**Tunnel restriction code** (D)  
**Description** UN1950, AEROSOLS, 2.1

**ADN**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.1



Classification code 5F



**Special Provisions** 190, 327, 344, 625  
**Description** UN1950, AEROSOLS, 2.1  
**Hazard Labels** 2.1  
**Limited Quantity** 1 L  
**Ventilation** VE01, VE04

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL All components are listed either on the DSL or NDSL.  
 IECSC -

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** Yes  
**Sudden release of pressure hazard** Yes  
**Reactive Hazard** No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Carbon Dioxide 124-38-9	X	X	X		-
Oleic acid 112-80-1			X		

**International Regulations**

**Mexico National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
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Carbon Dioxide 124-38-9 ( 1 - 5 )	-	Mexico: TWA= 5000 ppm Mexico: TWA= 9000 mg/m <sup>3</sup> Mexico: STEL= 15000 ppm Mexico: STEL= 27000 mg/m <sup>3</sup>
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Mexico - Occupational Exposure Limits - Carcinogens

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 4	<b>Instability</b> 0	<b>Physical and Chemical Hazards - Personal Protection</b> X
<b>HMIS</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 4	<b>Physical Hazard</b> 0	

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

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**Revision Note** No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**



