

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier****Product Name** Terand Chain & Cable Lube**Other means of identification****Product Code** TB-86500000-00**Recommended use of the chemical and restrictions on use****Recommended use** Chain and Cable Lube  
**Uses Advised Against** For industrial and institutional use only.**Details of the supplier of the safety data sheet****Company Name** CHEM-MASTER ACQUISITIONS, LLC  
PO Box 220908  
St. Louis, MO 63122  
800-592-5080**Emergency telephone number****Emergency Telephone** CHEMTEL 1-800-255-3924

### 2. HAZARDS IDENTIFICATION

**Classification**

Flammable Aerosol	Category 1
Gases Under Pressure	Liquefied Gas
Skin Irritant	Category 2
Germ Cell Mutagenicity	Category 1B
Carcinogenicity	Category 1A
Aspiration Hazard	Category 1

**Label elements**

#### Emergency Overview

## DANGER

**Hazard statements**

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause genetic defects. May cause cancer. May be fatal if swallowed and enters airways.

**Appearance:** Gray/Black Foaming Spray**Physical state:** Liquefied Gas**Odor:** Oily Odor

**Precautionary Statements - Prevention**

Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Obtain, read and follow all safety instructions before use. Wash hands thoroughly after handling. Wear protective gloves, eye protection, and protective clothing. Avoid breathing mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace.

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. Use only outdoors or in a well-ventilated area. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If exposed or concerned, get medical advice. IF SWALLOWED: Get emergency medical help immediately. Do NOT induce vomiting.

**Precautionary Statements - Storage**

Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, state and federal regulations.

**Hazards not otherwise classified (HNOC)****Other Information**

- N/A

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Hydrotreated naphtha, heavy	64742-48-9	60-80%	*
Propane	74-98-6	10-30%	*
Cocoamide Diethanolamine	68603-42-9	0.1-1%	*
Isobutane	75-28-5	0.1-1%	*

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

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

<b>Skin Contact</b>	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
<b>Ingestion</b>	Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

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

**Symptoms** Acute Health Hazards: Causes skin irritation including redness, burning and drying/cracking. Contact with eyes may cause irritation, redness, tearing. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

Chronic Health Hazards: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, reproductive or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances. May cause reproductive effects affecting fertility and/or development of the unborn child.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Dry chemical, carbon dioxide, and foam. Water may be effective for cooling but not extinguishing.

**Unsuitable extinguishing media:** Water jets or streams

**Unusual fire and explosion hazards**

EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 122 °F (50 °C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.

**Hazardous combustion products**

: Oxides of carbon, and various hydrocarbons.

**Special fire fighting procedures**

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions**

Refer to section 8 for proper Personal Protective Equipment.

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

Eliminate all sources of ignition. Clean up using a rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Use non-sparking tools and explosion-proof equipment. Dispose of in accordance with local, state and federal regulations. Do not reuse container. Triple rinse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA status**

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on Safe Handling**

Do not use or store with strong oxidizers. Use only non-sparking tools. Take precautionary measures against static discharge. Vapors may collect in low-lying areas. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Wash hands after use. As with all chemicals, use good industrial hygiene practices.

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

Store in a cool, dry area. Do not use or store near heat, open flame, or other sources of ignition. Keep container tightly closed when not in use.

**Incompatible Materials**

Strong oxidizing agents, strong reducing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Hydrotreated naphtha, heavy	Not Established	300 ppm (referenced to Gasoline)
Propane	1000 ppm	1000 ppm
Cocoamide Diethanolamine	Not Established	Not Established
Isobutane	Not Established	1000 ppm

### Appropriate engineering controls

#### Engineering Controls

Use only outdoors or in a well-ventilated area.

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

**Eye/face protection** Safety glasses/goggles

**Skin and body protection** Chemical resistant gloves

**Respiratory protection** Not required with normal use. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

#### Additional Measures

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective clothing to prevent repeated or prolonged contact with product. Avoid contact with skin or eyes and avoid breathing vapors. Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical State	Liquefied Gas
Appearance	Gray/Black Foaming Spray
Color	Gray/Black
Odor	Oily Odor
Odor Threshold	N/D

<u>Property</u>	<u>Values</u>
pH	N/A
Melting Point/Freezing Point	N/D
Initial Boiling Point And Boiling Range	N/D
Flash Point	N/D
Evaporation Rate	N/D
Flammability (Solid/Gas)	Extremely flammable aerosol.
Upper/Lower Flammability Or Explosive Limits	N/D
Lower Flammability Limit	N/D
Upper Flammability Limit	N/D
Explosive Limit Lower(%)	N/D
Explosive Limit Upper(%)	N/D
Vapor Pressure (mm Hg)	N/D
Vapor Density (AIR=1)	N/D
Relative Density (H2O=1)	0.85-0.88 @ 77 °F (25 °C)
Solubility (IES)	Non-soluble in water.
Partition Coefficient	N/D
Autoignition Temperature	N/D
Decomposition Temperature	N/D
Viscosity	N/D

## 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Stable

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Excess heat, open flame, sparks, electric equipment, ignition sources and incompatible materials.

### Incompatible Materials

Strong oxidizing agents, strong reducing agents.

### Hazardous Decomposition Products

Oxides of carbon, and various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure Eyes, Ingestion, Inhalation, Skin

#### Product Information

<b>Skin Contact</b>	Causes irritation, redness, dryness with repeated or prolonged exposure.
<b>Eye Contact</b>	May cause irritation
<b>Inhalation</b>	May cause dizziness, nausea, central nervous system (CNS) effects.
<b>Ingestion</b>	May cause gastrointestinal irritation, nausea, diarrhea, vomiting. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Distillates (petroleum), hydrotreated heavy paraffinic	>5000 mg/kg	2000 mg/kg	
Hydrotreated naphtha, heavy (64742-48-9)	> 5000 mg/kg	> 2000 mg/kg	> 5.2 mg/L

### Information on toxicological effects

<b>Symptoms</b>	<p><b>Medical Condition Aggravated:</b> Pre-existing conditions of the skin, liver, central nervous system (CNS) and kidneys.</p> <p><b>Acute Health Hazards:</b> Causes skin irritation including redness, burning and drying/cracking. Contact with eyes may cause irritation, redness, tearing. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.</p> <p><b>Chronic Health Hazards:</b> Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, reproductive or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances. May cause reproductive effects affecting fertility and/or development of the unborn child.</p>
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**    **OSHA:** Not classified    **ACGIH:** No    **NTP:** No    **IARC:** : 2B - Possible    **OTHER:** CA Prop 65

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*A3 - Animal Carcinogen*  
*IARC (International Agency for Research on Cancer)*  
*Group 2B - Possibly Carcinogenic to Humans*  
*Group 3 - Not classifiable as a human carcinogen*  
*NTP (National Toxicology Program)*  
*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Component or Components are expected to have low toxicity to fish, algae, daphnia and other aquatic invertebrates. Avoid release to the environment.

### Soil Mobility

Component or components in this product will absorb to soil particles and will not be mobile in soil.

### Persistence and Degradability

Component or components of this product are expected to biodegrade over time.

### Bioaccumulation

Components in this mixture have the potential to bioaccumulate.

### Other Adverse Effects

None known.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Disposal of wastes</b>	Dispose of in accordance with local, state and federal regulations. Do not reuse container. Triple rinse container and recycle or place in trash collection. Drums and pails should be offered for recycling.
<b>RCRA status</b>	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

<u>DOT</u>		<u>AIR SHIPMENT</u>	
<b>UN/ID No.</b>	UN 1950	<b>UN/ID No.</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols, Ltd. Qty.	<b>Proper Shipping Name</b>	Aerosols, Flammable
<b>Hazard Class</b>	2.1	<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A	<b>Packing Group</b>	N/A

### SHIPPING BY WATER: VESSEL (IMO/IMDG)

<b>UN/ID No.</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Environmental Hazards Water</b>	N/A
<b>Packing Group</b>	N/A

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** All Chemicals are listed or exempt.

### Legend:

**TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**

### US Federal Regulations

#### SARA 313

This product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazard Categories**

Health Hazard and Physical Hazard.

**CERCLA**

None.

**US State Regulations****California Proposition 65:** Not Applicable as this product is not sold in California.**U.S. State Right-to-Know Regulations***Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states:*

Chemical Name	CA	DE	ID	ME	MA	MN	NJ	PA	NY	RI	WA	CT	FL	IL	TN	LA
Propane (74-98-6)		X			X	X	X	X				X				

**International Regulations**

No information available.

**Volatile Organic Compounds (VOC)**

25.9%

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	3	Flammability	3	Reactivity	0	Other	NONE
<b>HMIS</b>	Health hazards	3	Flammability	3	Reactivity	0	Personal protection	C

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Revision Date 01/24/25

Revision Note

**N/A = Not Applicable; N/D = Not Determined****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**