

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Terand Pene-Lube Ultra

Other means of identification

Product Code TB-50100000-00

Recommended use of the chemical and restrictions on use

Recommended use Penetrating Lubricant

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
Aspiration Hazard	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways.



Appearance: Brown to amber spray.

Physical state: Liquefied Gas

Odor: Petroleum solvent 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. Wash hands thoroughly after handling. Wear safety glasses/goggles and chemical resistant gloves.

Precautionary Statements - Response

If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

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

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

• N/A

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Distillates (petroleum), hydrotreated light	64742-47-8	30-45%	*
Mineral Seal Oil	64741-44-2	30-45%	*
Propane	74-98-6	1-10%	*
Ethyl Acetate	141-78-6	1-5%	*
Mineral Spirits	8052-41-3	<1%	*

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

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

Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

Eye Contact

Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

Inhalation

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

Ingestion

If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

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

ACUTE HEALTH HAZARDS: Aspiration into the lungs may cause chemical pneumonitis or pulmonary edema. High vapor concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.

CHRONIC HEALTH HAZARDS: None known.

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

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

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

Dry chemical, foam or carbon dioxide.

Unsuitable extinguishing media: Water spray/stream.

Unusual fire and explosion hazards

FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting.

Hazardous combustion products

Oxides of carbon.

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.

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**

Absorb spill with non-combustible material such as vermiculite, sand or earth. Dispose of in accordance with local, state and federal regulations.

RCRA status

Waste should be fully characterized prior to disposal (40 CFR 261).

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

Keep out of the reach of children.

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

Store in a cool, dry area away from extremes of temperature and ignition sources. Keep container tightly sealed when not in use. Store locked up.

Incompatible Materials

Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.

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

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Distillates (petroleum), hydrotreated light	Not Established	200mg/m3
Mineral Seal Oil	5 mg/m3	200mg/m3
Propane	1000 ppm	1000 ppm
Ethyl Acetate	400 ppm	400 ppm
Mineral Spirits	500 ppm	100 ppm

Appropriate engineering controls

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquefied Gas
Appearance	Brown to amber spray.
Color	Brown to amber
Odor	Petroleum solvent odor
Odor Threshold	N/D

10. STABILITY AND REACTIVITY

Chemical Stability

Possibility of Hazardous Reactions

Conditions to Avoid

Incompatible Materials

Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure** Eyes, Ingestion, Inhalation, Skin**Product Information**

Skin Contact	May cause irritation, localized defatting, dermatitis with prolonged or repeated contact.
Eye Contact	May cause irritation, redness.
Inhalation	May cause respiratory tract irritation, dizziness, headaches, drowsiness, unconsciousness.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and abdominal cramps.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Distillates (petroleum), hydrotreated light (64742-47-8):	(Oral, Rat) > 5000 mg/kg	(Dermal, Rabbit) > 2000 mg/kg.	
Ethyl Acetate (141-78-6)	(Oral, Rat) 5620 mg/kg	(Dermal, Rabbit) > 18000 mg/kg (Mouse, 2hrs) 45000 mg/m3	

Information on toxicological effects**Symptoms**

MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing medical conditions.

ACUTE HEALTH HAZARDS: Aspiration into the lungs may cause chemical pneumonitis or pulmonary edema. High vapor concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.

CHRONIC HEALTH HAZARDS: None known.

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

Carcinogenicity OSHA: No ACGIH: No NTP: No IARC: No OTHER: California 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**

Not established.

Soil Mobility

This product is mobile in soil.

Persistence and Degradability

Component or components of this product are not biodegradable

Bioaccumulation

This product is not expected to bioaccumulate.

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes	Dispose of in accordance with local, state and federal regulations.
RCRA status	Waste 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>	
UN/ID No.	UN 1950	UN/ID No.	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.	Proper Shipping Name	Aerosols, Flammable
Hazard Class	2.1	Hazard Class	2.1
Packing Group	N/A	Packing Group	N/A

SHIPPING BY WATER: VESSEL (IMO/IMDG)

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

Nonylphenoxypolyethoxyethanol (68412-54-4).

SARA 311/312 Hazard Categories

Fire Hazard.

CERCLA

Ethyl acetate (141-78-6) Reportable Quantity = 5000 pounds.

US State Regulations

California Proposition 65: WARNING: This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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
Naphthalene (91-20-3)					X		X	X		X						
Distillates (petroleum), hydrotreated light (64742-47-8)							X	X		X						
Mineral Spirits (8052-41-3)							X	X		X						

International Regulations

None known

Volatile Organic Compounds (VOC)

12%

16. OTHER INFORMATION

NFPA	Health hazards	1	Flammability	3	Reactivity	0	Other	NONE
HMIS	Health hazards	1	Flammability		Reactivity	0	Personal protection	A

Issue Date 11/09/2023

Revision Date N/A

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