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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Terand Penetrating Gel Lubricant

Other means of identification

Product Code TB-94700000-00

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

Aerosols	Category 2
Gases Under Pressure	Liquefied Gas
Aspiration Hazard	Category 1
Eye Irritation	Category 2
Skin Irritation	Category 2
Specific Target Organ Toxicity -Single Exposure (Narcotic Effects)	Category 3

Label elements

Emergency Overview

DANGER

Hazard statements

H223 - Flammable aerosol
H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways
H319 - Causes serious eye irritation
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness



Appearance: Clear aerosol spray

Physical state: Aerosol Spray

Odor: N.A.



Precautionary Statements - Prevention

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, eye protection and face protection.
P261 - Avoid breathing mist, vapors or spray.
P271 - Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331 - Do NOT induce vomiting.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical attention.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 - If skin irritation occurs: Get medical attention.
P362 - Take off contaminated clothing and wash it before reuse.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER or doctor if you feel unwell.

Precautionary Statements - Storage

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
P403 + P405 - Store in a well-ventilated place. Store locked up.

Precautionary Statements - Disposal

P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

Unknown Acute Toxicity <1 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	64742-52-5	30% - 40%	*
ACETONE	67-64-1	20% - 30%	*
N-HEPTANE	142-82-5	5% - 15%	*
CARBON DIOXIDE	124-38-9	5% - 10%	*
MINERAL OIL	8042-47-5	1% - 15%	*

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

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

Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). If you feel unwell/If concerned: Get medical advice/attention.

Ingestion

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

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

No data available

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

No data available.

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

Foam, alcohol foam, carbon dioxide, dry chemical, water fog.

Unsuitable extinguishing media: Water may be ineffective but can be used to cool containers exposed to heat or flame.

Specific hazards arising from the chemical

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

Protective equipment and precautions for firefighters

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

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

Wear safety glasses with side shields. Use of gloves approved from relevant standards that meet or are equivalent to OSHA 29 CFR 1910.132. Avoid breathing vapors. Ventilate area.

Environmental precautions**Environmental precautions**

Stop spill/release if it can be done safely.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Emergency Procedure

Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. Use in a well-ventilated place.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

CHEMICAL NAME	ACGIH	OSHA	NIOSH
ACETONE	ACGIH TWA (ppm): 250 ACGIH STEL (ppm): 500 ACGIH Carcinogen: A4 ACGIH TLV Basis: URT & eye irr; CNS impair ACGIH Notations: A4; BEI	OSHA TWA (mg/m3): 2400 OSHA TWA (ppm): 1000 OSHA Tables (Z1, Z2, Z3): 1	NIOSH TWA (mg/m3): 590 NIOSH TWA (ppm): 250
Carbon Dioxide	ACGIH TWA (ppm): 5000 ACGIH STEL (ppm): 30000 ACGIH TLV Basis: Asphyxia	OSHA TWA (mg/m3): 9000 OSHA TWA (ppm): 5000 OSHA Tables (Z1, Z2, Z3): 1	NIOSH STEL (ppm): 30000 NIOSH TWA (mg/m3): 9000 NIOSH TWA (ppm): 5000 NIOSH STEL (mg/m3): 54000
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	ACGIH TWA (mg/m3): [(L) [N159 (L)[N800]]; [5(I)[N159]5(I) [N800]]; ACGIH TWA (ppm): (L)[N159](L) [N800] ACGIH Carcinogen: [A2[N159] A2[N800]]; [A4[N159]A4[N800]]; ACGIH TLV Basis: URT irr [N159]URT irr [N800] ACGIH Notations: [A2[N159] A2[N800]]; [A4[N159]A4[N800]];	OSHA TWA (mg/m3): 2000 OSHA TWA (ppm): 500 OSHA Tables (Z1, Z2, Z3): 1	
N-HEPTANE	ACGIH STEL (ppm): 500 ACGIH TLV Basis: CNS impair; URT irr	OSHA TWA (mg/m3): 2000 OSHA TWA (ppm): 500 OSHA Tables (Z1, Z2, Z3): 1	NIOSH TWA (mg/m3): 350 NIOSH TWA (ppm): 85

(C) - Ceiling limit, (L) - Exposure by all routes should be carefully controlled to levels as low as possible, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

Appropriate engineering controls

Engineering Controls

Ventilation should be sufficient to prevent inhalation of any vapors.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

Skin and body protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory protection

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV lim

9. PHYSICAL AND CHEMICAL PROPERTIESInformation on basic physical and chemical properties

Physical State	Aerosol Spray
Appearance	Clear aerosol spray
Color	N.A.
Odor	N.A.
Odor Threshold	N.A.

<u>Property</u>	<u>Values</u>
pH	N.A.
Water Solubility	Insoluble
Flammability	Flash point below 73°F/23°C
Vapor Pressure	2.4 x 104 Pa
Flash Point	-17°C
Kinematic Viscosity	<20.5 cSt (40°C)
Lower Explosion Level	2.5%
Upper Explosion Level	12.8%
Vapor Density	N.A.
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	56°C
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	Slower than ether

10.STABILITY AND REACTIVITYChemical Stability

The product is stable under normal storage conditions.

Possibility Of Hazardous Reactions

None known.

Conditions To Avoid

High temperatures.

Incompatible Materials

No data available.

Hazardous Decomposition Products

Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

11.TOXICOLOGICAL INFORMATIONInformation on likely routes of exposure Inhalation, ingestion, skin absorption.**Product Information**

Skin Contact	Causes skin irritation
Eye Contact	Causes serious eye irritation

Information on toxicological effects

Symptoms Likely Routes of Exposure Inhalation, Ingestion, Skin contact, Eye contact

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

Sensitization	Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive Toxicity	Based on available data, the classification criteria are not met.
STOT - Single Exposure	May cause drowsiness or dizziness
STOT - Repeated Exposure	Based on available data, the classification criteria are not met.
Acute Toxicity	Based on available data, the classification criteria are not met.
Aspiration Hazard	May be fatal if swallowed and enters airways

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Based on available data, the classification criteria are not met.

Soil Mobility

The substance is not PBT / vPvB.

Persistence and Degradability

Readily biodegradable.

Bioaccumulation

Contains constituents with the potential to bioaccumulate.

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

The substance is not PBT / vPvB.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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.

	IATA Information	IMDG Information	U.S. DOT Information
UN number:	UN1950	UN1950	UN1950
Proper shipping name:	Aerosols, flammable	Aerosols	Aerosols
Hazard class:	2.1	2.1	2.1
Packaging group:	N.A.	N.A.	N.A.
Note / Special Provision:	(LTD QTY)	(LTD QTY)	(LTD QTY)

15. REGULATORY INFORMATION

CHEMICAL NAME	CAS NO.	WEIGHT - %	Regulation List
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	64742-52-5	30% - 40%	SARA312, VOC, TSCA, ACGIH, OSHA
ACETONE	67-64-1	20% - 30%	CERCLA, SARA312, TSCA, RCRA, ACGIH, OSHA
N-HEPTANE	142-82-5	5% - 15%	SARA312, VOC, TSCA, ACGIH, OSHA
CARBON DIOXIDE	124-38-9	5% - 10%	SARA312, TSCA, ACGIH, OSHA
MINERAL OIL	8042-47-5	1% - 5%	SARA312, TSCA, ACGIH

16. OTHER INFORMATION

NFPA	Health hazards	2	Flammability	3	Reactivity	0	Other	
HMIS	Health hazards	2	Flammability	3	Reactivity	0	Personal protection	A

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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