

**1. PRODUCT AND COMPANY IDENTIFICATION****Product Identifier****Product Name** Terand Auto Detailer and Protector**Other means of identification****Product Code** TB-26000000-00**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 1
Gases Under Pressure	Liquefied Gas
Aspiration Hazard	Category 1
Eye Irritation	Category 2B
Reproductive Toxicity	Category 2
Skin Irritation	Category 2
Specific Target Organ Toxicity - Repeated Exposure	Category 2
Specific Target Organ Toxicity - Single Exposure	Category 2
Specific Target Organ Toxicity -Single Exposure (Narcotic Effects)	Category 3

**Label elements****Emergency Overview****DANGER****Hazard statements**

H222 - Extremely flammable aerosol  
H229 - Contains gas under pressure; may explode if heated.  
H280 - Contains gas under pressure; may explode if heated.  
H304 - May be fatal if swallowed and enters airways  
H320 - Causes eye irritation  
H361 - Suspected of damaging fertility or the unborn child  
H315 - Causes skin irritation  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H371 - May cause damage to organs.  
H336 - May cause drowsiness or dizziness



**Appearance:** Spray**Physical state:** Liquefied Gas**Odor:** Watermelon**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 - Pressurized container: Do not pierce or burn, even after use. P264 - Wash thoroughly after handling. P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves, protective clothing, eye protection/face protection. P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P233 - Keep container tightly closed.

**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 advice/attention. P308 + P313 - IF exposed or concerned: Get medical advice/attention. P302 + P352 - IF ON SKIN: Wash with plenty of water. P321 - For specific treatment see section 4 of SDS. P332 + P313 - If skin irritation occurs: Get medical advice/attention. P362 + P364 - Take off contaminated clothing. And wash it before reuse. P314 - Get Medical advice/attention if you feel unwell. P308 + P311 - IF exposed or concerned: Call a POISON CENTER/doctor. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER/doctor if you feel unwell.

**Precautionary Statements - Storage**

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P405 - Store locked up.

P410 + P403 - Protect from sunlight. Store in a well-ventilated place. P403 + P405 - Store in a well-ventilated place. Store locked up.

**Precautionary Statements - Disposal**

P501 - Dispose of contents/container to disposal recycling center. 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.

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

- None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
HEXANE	0000110-54-3	41% - 62%	*
Petroleum gases, liquefied, sweetened	0068476-86-8	33% - 50%	*
SILICONE	0063148-62-9	5% - 10%	*
WHITE MINERAL OIL	0008042-47-5	1.4% - 3%	*
Benzoic acid, 2-hydroxy-, phenylmethyl ester	0000118-58-1	0.1% - 1.2%	*
ETHYL ACETATE	0000141-78-6	0.1% - 1.2%	*

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

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

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use. IF exposed or concerned: Get medical advice/attention.

<b>Eye Contact</b>	Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.
<b>Inhalation</b>	Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor. Eliminate all ignition sources if safe to do so.
<b>Ingestion</b>	Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

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

<b>Symptoms</b>	No data available
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## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only. Do not direct a solid stream of water or foam into hot, burning pools this may results in frothing and increase fire intensity.

**Specific Hazards Arising from the Chemical**

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a build up of internal pressures. Cool with water. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Container could potentially burst or be punctured upon mechanical impact.

**Special fire fighting procedures**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

<b>Personal precautions</b>	Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA). Avoid breathing vapor. Avoid contact with skin, eye or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.
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**Methods and material for containment and cleaning up**

<b>Methods for containment &amp; cleaning up</b>	Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal
<b>Emergency Procedure</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on Safe Handling

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them. Store at temperatures below 120°F.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

CHEMICAL NAME	OSHA	ACGIH	NIOSH
ETHYL ACETATE	OSHA TWA (ppm): 400 OSHA TWA (mg/m3): 1400 OSHA Tables (Z1, Z2, Z3): 1	ACGIH TWA (ppm): 400	NIOSH TWA (ppm): 400 NIOSH TWA (mg/m3): 1400
HEXANE	OSHA TWA (ppm): 500 OSHA TWA (mg/m3): 1800 OSHA Tables (Z1, Z2, Z3): 1	ACGIH TWA (ppm): 50	NIOSH TWA (ppm): 50 NIOSH TWA (mg/m3): 180
Petroleum gases, liquefied, sweetened	OSHA TWA (ppm): 500 OSHA TWA (mg/m3): 2000 OSHA Tables (Z1, Z2, Z3): 1		
WHITE MINERAL OIL		ACGIH TWA (ppm): (L) ACGIH TWA (mg/m3): [(L)]; [5 (I)];	

### Appropriate engineering controls

#### Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

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

#### Eye/face protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

#### Skin and body protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

(L) - Exposure by all routes should be carefully controlled to levels as low as possible

**9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties

Physical State	N/A
Appearance	N/A
Color	N/A
Odor	N/A
Odor Threshold	N/A

<u>Property</u>	<u>Values</u>
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pH	N/A
Flammability	N/A
Water Solubility	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Evaporation Rate	N/A
Density VOC Less H2O and Exempts	5.11486 lb/gal
VOC Regulatory(lb/gal)	4.81747 lb/gal
VOC Actual(g/l)	577.27800 g/l
VOC Regulatory(g/l)	577.27800 g/l
Density	5.46057 lb/gal
Density VOC	4.81747 lb/gal
% VOC	88.22280%
VOC Composite Partial Pressure	N/A

**10.STABILITY AND REACTIVITY**Chemical Stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

Will not occur.

Conditions to Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials. Dropping containers may cause bursting.

Incompatible Materials

Avoid strong oxidizers, reducers, acids, and alkalis.

Hazardous Decomposition Products

No data available.

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

## Product Information

**Skin Contact**

Prolonged or repeated contact with this product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin. 0000110-54-3 HEXANE The substance is irritating to the skin 0000141-78-6 ETHYL ACETATE Exposure to high levels can cause dizziness and lightheadedness.

**Eye Contact**

Eye contact may lead to permanent damage if not treated promptly. Liquid or vapors may irritate the eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Eye contact may lead to permanent damage if not treated promptly. Causes eye irritation.

**Information on toxicological effects****Symptoms**

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

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. 0000110-54-3 HEXANE The substance can be absorbed into the body by inhalation of its vapour and by ingestion.

Potential Health Effects - Miscellaneous: 0000141-78-6 ETHYL ACETATE Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver.

0000110-54-3 HEXANE

LC50 (male rat): 38500 ppm (4-hour exposure); cited as 77000 ppm (271040 mg/m3) (1-hour exposure) (15) LC50 (rat): 48000 ppm (4-hour exposure) (16)

LC50 (rat): 73680 ppm (260480 mg/m3) (4-hour exposure) (n-hexane and isomers) (1,3)

LD50 (oral, 14-day old rat): 15840 mg/kg (3) LD50 (oral, young rat): 32340 mg/kg (3) LD50 (oral, adult rat): 28700 mg/kg (3,16)

0000141-78-6 ETHYL ACETATE

LC50 (rat): 19600 ppm (4-hour exposure); cited as 16000 ppm (6-hour exposure) (10)

LC50 (mouse): 10600 ppm (38100 mg/m3) (4-hour exposure); cited as 44000 mg/m3 (3-hour exposure) (8)

LD50 (oral, rat): 10200 mg/kg (cited as 11.3 mL/kg) (7); 5600 mg/kg (5,13)

LD50 (oral, mouse): 4100 mg/kg (11)

LD50 (oral, rabbit): 4900 mg/kg (9)

LD50 (oral, guinea pig): 5500 mg/kg (11)

LD50 (dermal, rabbit): Greater than 18000 mg/kg (cited as 20 mL/kg) (7)

**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**

Suspected of damaging fertility or the unborn child. 0000110-54-3 HEXANE: Animal tests show that this substance possibly causes toxic effects upon human reproduction.

**STOT - Single Exposure**

May cause damage to organs. May cause drowsiness or dizziness 0000141-78-6 ETHYL ACETATE Can affect the liver and kidneys.

**STOT - Repeated Exposure**

Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure. 0000110-54-3 HEXANE: Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the central nervous system and peripheral nervous system. This may result in polyneuropathy.

**Chronic Exposure**

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

**Acute Toxicity**

If inhaled, may cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heart beats. 0000110-54-3 HEXANE: INHALATION causes irritation of respiratory tract, cough, mild depression, cardiac arrhythmias. It has been reported that a 10 minute exposure to 5,000 ppm caused dizziness and a sensation of giddiness INGESTION causes nausea, vomiting, swelling of abdomen, headache, depression. 0008042-47-5 WHITE MINERAL OIL: LD50 (Rat, oral): > 5000 mg/kg, Reference: REACH registration Dossier.

**Aspiration Hazard**

May be fatal if swallowed and enters airways. 0000110-54-3 HEXANE: ASPIRATION causes severe lung irritation, coughing, pulmonary edema; excitement followed by depression. 0008042-47-5 WHITE MINERAL OIL: If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

**Soil Mobility**

No data available.

**Persistence and Degradability**

0000110-54-3 HEXANE: Readily biodegradable in water. 0008042-47-5 WHITE MINERAL OIL: Inherently biodegradable, but not readily biodegradable.

**Bioaccumulation**

No data available.

**Other Adverse Effects**

No data available.

**Results of the PBT and vPvB assessment**

0000110-54-3 HEXANE: The substance is not PBT / vPvB.

0000141-78-6 ETHYL ACETATE: The substance is not PBT / vPvB.

0008042-47-5 WHITE MINERAL OIL: 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.

**U.S. DOT Information**

Ground Transportation: (Continental United States, Canada & Mexico): Limited Quantity

**IMDG Information**

Shipping Name: Aerosols UN/NA #: 1950

Hazard Class: 2.1

Required Placard: Limited Quantity

Marine Pollutant: No data available

**IATA Information**

Not regulated for transport

**15. REGULATORY INFORMATION**

CHEMICAL NAME	CAS NO.	WEIGHT - %	Regulation List
0000110-54-3	HEXANE	41% - 62%	SARA313, Canada_NPRI, DSL - Domestic Substance List, CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act, HAPS, SARA312, OC_HAPS, VOC, TSCA - Toxic Substances Control Act (TSCA), CA_Prop65 - California Proposition 65



CHEMICAL NAME	CAS NO.	WEIGHT - %	Regulation List
0068476-86-8	Petroleum gases, liquefied, sweetened	33% - 50%	DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0063148-62-9	SILICONE	5% - 10%	DSL - Domestic Substance List, SARA312, VOC_exempt, TSCA - Toxic Substances Control Act (TSCA)
0008042-47-5	WHITE MINERAL OIL	1.4% - 3%	DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA)
0000118-58-1	Benzoic acid, 2-hydroxy-, phenylmethyl ester	0.1% - 1.2%	DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA)
0000077-83-8	3-METHYL-3-	0.1% - 1.2%	DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000105-54-4	ETHYL BUTYRATE (ODOR)	0.1% - 1.2%	DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000141-78-6	ETHYL ACETATE	0.1% - 1.2%	Canada NPRI, DSL - Domestic Substance List, CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA), RCRA
0008050-26-8	Resin glycerine ester	Trace	DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA)

**WARNING:** This product can expose you to chemicals including HEXANE 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](http://www.P65Warnings.ca.gov).

## 16. OTHER INFORMATION

Issue Date 10/14/2024  
Revision Date 10/15/2024  
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**