

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Name Terand Dry Release

**Other means of identification**

Product Code 5040

**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
Eye Irritant	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3
Aspiration Hazard	Category 1

**Label elements**

#### Emergency Overview

## DANGER

**Hazard statements**

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.



Appearance: Viscous, ivory gel.

Physical state: Liquefied Gas

Odor: Mulberry



**Precautionary Statements - Prevention****Precautionary Statements - Response****Precautionary Statements - Storage****Precautionary Statements - Disposal****Hazards not otherwise classified (HNOC)****Other Information**

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Unknown Acute Toxicity

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Heptane	142-82-5	30-40%	*
Isopropyl Alcohol	67-63-0	15-25%	*
Propane	74-98-6	15-25%	*
N-Butane	106-97-8	15-25%	*
Naphtha (petroleum), light alkylate	64741-66-8	1-5%	*

**\*The exact percentage (concentration) of composition has been withheld as a trade secret.****4. FIRST AID MEASURES****First aid measures****Skin Contact**

If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Inhalation**

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

**Ingestion**

If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

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

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).

**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 (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Water spray/stream.

**Unusual fire and explosion hazards**

Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. May develop a flammable atmosphere in confined areas.

**Hazardous combustion products**

Oxides of carbon, low molecular weight 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. Use water spray only to cool exposed containers. Shut off all sources of ignition.

**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**

Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways. Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

**RCRA status**

Waste likely considered D00 1 (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**

Keep out of the reach of children. Use only with adequate ventilation. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor.

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

Store in cool, dry, ventilated area. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122 °F.

**Incompatible Materials**

A void heat, flame, and contact with strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Heptane	500 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Propane	1000 ppm	1000 ppm
N-Butane	Not Established	1000 ppm
Naphtha (petroleum), light alkylate	Not Established	Not Established

### 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

#### Skin and body protection

Chemical resistant glove

#### Respiratory protection

Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

#### Additional Measures

Wash hands thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### Physical State

#### Appearance

#### Color

#### Odor

#### Odor Threshold

N/D

### Property

### Values

#### pH

#### Melting Point/Freezing Point

#### Initial Boiling Point And Boiling Range

#### Flash Point

#### Evaporation Rate

#### Flammability (Solid/Gas)

#### Upper/Lower Flammability Or Explosive Limits

#### Lower Flammability Limit

#### Upper Flammability Limit

#### Explosive Limit Lower(%)

#### Explosive Limit Upper(%)

#### Vapor Pressure (mm Hg)

#### Vapor Density (AIR=1)

#### Relative Density (H2O=1)

#### Solubility (IES)

#### Partition Coefficient

#### Autoignition Temperature

#### Decomposition Temperature

#### Viscosity

**10. STABILITY AND REACTIVITY**ReactivityChemical StabilityPossibility of Hazardous ReactionsConditions to AvoidIncompatible MaterialsHazardous Decomposition Products**11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure Eyes, Inhalation, Skin

Product Information

Skin Contact

Eye Contact

Inhalation

Ingestion

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50

Information on toxicological effects

Symptoms

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: N/A

*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**EcotoxicitySoil MobilityPersistence and DegradabilityBioaccumulationOther Adverse Effects**13. DISPOSAL CONSIDERATIONS**Waste treatment methods

Disposal of wastes

RCRA status

**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.

DOT

UN/ID No.	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.
Hazard Class	2.1
Packing Group	N/A

AIR SHIPMENT

UN/ID No.	UN 1950
Proper Shipping Name	Aerosols, Flammable
Hazard Class	2.1
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 RegulationsSARA 313

SARA 311/312 Hazard CategoriesCERCLACWA (Clean Water Act)US State Regulations

California Proposition 65:

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

International RegulationsVolatile Organic Compounds (VOC)

98.8%

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	1	Flammability	3	Reactivity	0	Other	None
<b>HMIS</b>	Health hazards	1	Flammability	3	Reactivity	0	Personal protection	B

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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**