

Issue Date 12/13/2013

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Version 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name** Terand Big Easy

**Other means of identification**

**Product Code** TB-21100000-00

**Details of the supplier of the safety data sheet**

**Company Name** CHEM-MASTER ACQUISITIONS, LLC  
3670 Scarlet Oak Blvd.  
St. Louis, MO 63122  
800-325-3312

**Emergency telephone number**

**Emergency Telephone** CHEMTEL 1-800-255-3924

### 2. HAZARDS IDENTIFICATION

**Classification**

Aerosol	Category 2
Eye Irritant	Category 2
Skin Irritant	Category 2
Specific Target Organ Toxicity (Repeated Exposure)	Category 2

**Label elements**

#### Emergency Overview

### WARNING

**Hazard statements**

Flammable aerosol.

Pressurized container: may burst if heated.

Causes skin and serious eye irritation.

May cause damage to respiratory tract through prolonged or repeated exposure if inhaled.



**Appearance:** Clear, colorless spray

**Physical state:** Liquid

**Odor:** Citrus scent, moderate ammonia odor



**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames or other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Do not breathe mist, vapors, or spray. Wash hands thoroughly after handling. Wear protective gloves and eye protection.

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: 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. Get medical advice or attention if you feel unwell.

**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

Unknown Acute Toxicity

N/A

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
2-Butoxyethanol	111-76-2	1-10%	*
n-Butane	106-97-8	1-10%	*
4-Nonylphenol, branched, ethoxylated	127087-87-0	1-10%	*
Ethylenediaminetetraacetic acid (EDTA)	60-00-4	1-10%	*
Propane	74-98-6	1-10%	*
Potassium hydroxide	1310-58-3	1-10%	*

**\*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 water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

**Eye Contact**

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.

**Inhalation**

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

**Ingestion**

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops. 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. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Chronic Health Hazards: Prolonged inhalation may be harmful.

**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.

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

Use appropriate media for surrounding fire.

Unsuitable extinguishing media: N/A

**Specific hazards arising from the chemical**

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.

**Protective equipment and precautions for firefighters**

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.

**Hazardous Combustion Products**

Oxides of carbon and various hydrocarbons.

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

Refer to section VIII for proper Personal Protective Equipment.

**Environmental precautions****Environmental precautions**

Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

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

Eliminate all sources of ignition. Prevent spill from entering sewers, storm drains and natural waterways. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.

**RCRA Status**

Waste likely considered D001 (Ignitable waste) and or D002 (Corrosive 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 near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor.

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

Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Do not use or store with strong oxidizers. Wash hands thoroughly after handling.

**Other Precautions**

Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

**Incompatibility**

Strong oxidizing agents.

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

CHEMICAL NAME	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
n-Butane	15 mg/m <sup>3</sup> (total dust)	1000 ppm
4-Nonylphenol, branched, ethoxylated	15 mg/m <sup>3</sup> (total dust)	Not Established
Ethylenediaminetetraacetic acid (EDTA)	15 mg/m <sup>3</sup> (total dust)	Not Established
Propane	1000 ppm	1000 ppm
Potassium hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

**Appropriate engineering controls****Engineering Controls**

Local ventilation/exhaust adequate to maintain vapor concentrations below PEL/TLV.

**Individual protection measures, such as personal protective equipment****Personal Protective Equipment**

Safety glasses/goggles and chemical resistant gloves.

**Respiratory protection**

Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**Additional Measures**

Avoid contact with skin, eyes or clothing. Avoid breathing spray. Wash hands thoroughly after handling. No smoking or open flames.

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

Liquid

**Appearance**

Clear, colorless spray

**Color**

Clear

**Odor**

Citrus scent, moderate ammonia odor

**Odor Threshold**

N/D

<u>Property</u>	<u>Values</u>
pH	11.3 – 11.7
Melting Point / Freezing Point	N/D
Initial Boiling Point / Boiling Range	> 130 °F (54.4 °C)
Flash Point	N/D
Evaporation Rate	Slow
Flammability (solid/gas)	Flammable aerosol
Upper/Lower Flammability or Explosive Limits	
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)	0.99 – 1.01 @ 77 °F (25 °C)
Solids	2.0 – 4.0%
Solubility(ies)	100% in water
Partition Coefficient: n-Octanol/Water (Kow)	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

Temperatures greater than 122 °F (50 °C) and sources of ignition. Avoid incompatible materials.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Stable under normal storage conditions.

## 11. TOXICOLOGICAL INFORMATION

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

#### Product Information

<b>Skin Contact</b>	Causes skin irritation, localized defatting and dermatitis.
<b>Eye Contact</b>	Causes serious irritation, redness, tearing, pain.
<b>Inhalation</b>	May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
<b>Ingestion</b>	Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.

**Information on toxicological effects**

CHEMICAL NAME	
2-Butoxyethanol (111-76-2)	LD <sub>50</sub> (Oral, Rat) 320 mg/kg; LD <sub>50</sub> (Dermal, Rabbit) 440 mg/kg; LC <sub>50</sub> (Inhalation, Mice, 4h) 700 ppm.
Butane (106-97-8)	LC <sub>50</sub> (Inhalation, Rat, 4h) 30957 mg/m <sup>3</sup> .
4-Nonylphenol, branched, ethoxylated (127087-87-0)	LD <sub>50</sub> (Oral) 3314 mg/kg; LD <sub>50</sub> (Dermal, Rabbit) > 3000 mg/kg.
Propane (74-98-6)	LC <sub>50</sub> (Inhalation, Rat, 4h) 658 mg/L.
Potassium hydroxide (1310-58-3)	LD <sub>50</sub> (Oral, Rat) 273 mg/kg.

**Symptoms**

Medical Condition Aggravated: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

Acute Health Hazards: Causes skin irritation including potential redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Health Hazards: Prolonged inhalation may be harmful.

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

OSHA: No

ACGIH: No

NTP: No

IARC: 3 - Not classifiable

OTHER: N/A

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

Harmful to aquatic life with long lasting effects.

**Potassium hydroxide** (1310-58-3): LC50 (Gambusia affinis, 96h) 80 mg/L. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4): LC50 (Lepomis macrochirus, 96h) > 1000 mg/L; EC50 (Daphnia magna, 48h, static) 140 mg/L; ErC50 (Pseudokirchneriella subcapitata, 72h) > 300 mg/L; NOEC (Dania rerio, 35d, flowthrough) 37.2 mg/L; NOEC (Daphnia magna, 21d) 25 mg/L. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC50 (Pimephales promelas, 96h) 7.7 mg/L; EC50 (Daphnia, 48h) 21.4 mg/L. **2-Butoxyethanol** (111-76-2): LC50 (Fish, 96h) 1370 mg/L; LC50 (Menidia beryllina, 96h) 1250 mg/L.

**Persistence and Degradability**

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

**Bioaccumulation**

Component or components in this product are not expected to bioaccumulate.

**Soil Mobility**

Component or components in this product are mobile in soil.

**Other Adverse Effects**

None known.

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

Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

**RCRA Status**

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.

**DOT**

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

**AIR SHIPMENT**

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

**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****CERCLA**

**Potassium hydroxide** (1310-58-3) Reportable Quantity= 1,000 pounds. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4) Reportable Quantity= 5000 pounds. **Sodium nitrite** (7632-00-0) Reportable Quantity= 100 pounds. **Ammonium hydroxide** (1336-21-6) Reportable Quantity= 1,000 pounds.

**SARA 313 Reportable Ingredients**

**Certain Glycol Ethers** (Category Code N230).

**SARA 311/312 Hazard Categories**

Physical & health hazards

**CWA (Clean Water Act)**

**Potassium hydroxide** (1310-58-3) is a hazardous substance. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4) is a hazardous substance. **Sodium nitrite** (7632-00-0) is a hazardous substance. **Ammonium hydroxide** (1336-21-6) is a hazardous substance.

**US State Regulations****California Proposition 65**

This product does not contain chemicals regulated by California Proposition 65.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**2-Butoxyethanol** (111-76-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: ME, MA, MN, NJ. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA. **Potassium hydroxide** (1310-58-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, LA, MA, MN, NJ, NY, PA, RI. **Sodium nitrite** (7632-00-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA. **Ammonium hydroxide** (1336-21-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA.

#### International Regulations

Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia). Domestic Substances List (DSL, Canada). Inventory of Existing Chemical Substances in China (IECSC, China). Existing and New Chemical Substances (ENCS, Japan). New Zealand Inventory of Chemicals (NZIoC, New Zealand). Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines). Korea Existing Chemicals Inventory (KECI, South Korea).

**Volatile Organic Compounds (VOC):** 7.8%

### 16. OTHER INFORMATION

<b>NFPA</b>	Health hazards	2	Flammability	2	Reactivity	0	Other	None
<b>HMIS</b>	Health hazards	2	Flammability	2	Reactivity	0	Personal protection	B

**Issue Date** 12/13/2013

**Revision Date** 06/19/2025

**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**