

Issue Date 01/15/2013

Revision Date 01/15/2015

Version 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name** Terand Foaming Coil Cleaner

#### Other means of identification

**Product Code** TB-27400000-00

#### 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
Skin Irritation	Category 2
Eye Irritation	Category 2A

#### Label elements

#### Emergency Overview

### WARNING

#### Hazard statements

Flammable aerosol.  
Pressurized container: may burst if heated.  
Causes skin irritation.  
Causes serious eye irritation.



**Appearance:** Aerosol

**Physical state:** Foam

**Odor:** Not determined



#### Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves and eye protection. Specific treatment (see FIRST AID section on this label). Protect from sunlight. Do not expose to temperatures exceeding 122°F. Use appropriate chemical-resistant gloves and eye protection.

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice. 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.

**Precautionary Statements - Storage**

Store in accordance with NFPA guidance for aerosols. Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Store locked up away from children and pets. Never store in a vehicle. Do not expose to temperatures above 122°F. Store upright without excessive load on top.

**Precautionary Statements - Disposal**

Please recycle container with a licensed recycling company. Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

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

- None known

Unknown Acute Toxicity

0% of the mixture consists of ingredients of unknown acute toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
2-butoxyethanol	111-76-2	3-7	*
Sodium Metasilicate	10213-79-3	0.1-1	*

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

**4. FIRST AID MEASURES****First aid measures****General Advice**

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

**Skin Contact**

IF ON SKIN: Wash with soap and water. Take off contaminated clothing and wash it before reuse.

**Eye Contact**

IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Inhalation**

IF INHALED: Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

**Ingestion**

IF SWALLOWED: Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

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

Skin and eye irritation.

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

Not anticipated to require immediate medical attention.

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

Water jet/spray, powder extinguisher, dry chemical, sand, carbon dioxide.

**Unsuitable extinguishing media:** None known

**Specific hazards arising from the chemical**

Pressurized container. Contents under pressure. May explode if heated or punctured. Contents may be heavier than air.

**Protective equipment and precautions for firefighters**

None known.

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

Use appropriate chemical-resistant gloves and eye protection. Remove non-emergency personnel from the area in an orderly fashion.

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

Cover drains and ventilate area to prevent vapor build-up. Use sand or other absorbent material to create a barrier to prevent chemical flow. For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

**Emergency Procedures**

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

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

Keep away from all ignition sources. Do not smoke while handling.

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

Store in accordance with NFPA guidance for aerosols. Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Store locked up away from children and pets. Never store in a vehicle. Do not expose to temperatures above 122°F. Store upright without excessive load on top.

**Incompatible Materials**

Keep away from strong oxidizers, acids, and bases

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

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-butoxyethanol	N/A	50 ppm	
Sodium Metasilicate	N/A	N/A	

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

Ensure mechanical ventilation.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Eye protection is recommended. Wear goggles or another form of chemically resistant eye protection.

**Skin and body protection**

Skin protection is recommended. Wear gloves or another form of chemically resistant skin protection.

**Respiratory protection**

No anticipated protective equipment is required.

**Environmental protection**

No anticipated protective equipment is required.

**General Hygiene**

Practice good industrial hygiene. Wash hands after handling and use.

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

Physical State	Aerosol, foam
Appearance	Foam
Color	White
Odor	Not determined
Odor Threshold	Not determined

**Property****Values**

MELTING POINT	Not determined
BOILING POINT	Not determined
FLAMMABILITY	Flammable contents
EXPLOSIVE LIMIT	Not determined
Upper	Not determined
Lower	Not determined
FLASH POINT	Not determined
pH	Not determined
KINEMATIC VISCOSITY	Not determined
SOLUBILITY	Water soluble
VAPOR PRESSURE	46-70 psi
RELATIVE DENSITY	0.997
VAPOR DENSITY	Not determined
AUTO-IGNITION TEMP	Not determined
DECOMPOSITION TEMP	Not determined
PARTITION COEFFICIENT	Not determined
PARTICLE CHARACTERISTICS	Not determined

**10. STABILITY AND REACTIVITY****Reactivity**

Not anticipated to be reactive.

**Chemical Stability**

Chemical is anticipated to be stable in normal storage conditions.

**Possibility Of Hazardous Reactions**

None known.

**Conditions To Avoid**

Heat, sources of ignition, direct sunlight, etc.

**Incompatible Materials**

Strong oxidizing materials.

**Hazardous Decomposition Products**

None known.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Skin Contact</b>	Expected to cause skin irritation. Not expected to cause an allergic skin reaction. Not considered toxic to dermal exposure.
<b>Eye Contact</b>	Expected to cause eye irritation.
<b>Inhalation</b>	Not expected to cause respiratory irritation. Not expected to cause a respiratory allergic reaction. Not considered toxic to inhalation exposure.
<b>Ingestion</b>	Not considered an aspiration hazard.

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

<b>Acute toxicity (oral)</b>	>2,000 mg/kg bw (not toxic)
<b>Acute toxicity (dermal)</b>	>2,000 mg/kg bw (not toxic)
<b>Acute toxicity (inhalation)</b>	>20 mg/L (not toxic)
<b>Interactive Effects</b>	None known.
<b>Carcinogenicity</b>	Not expected to cause cancer. National Toxicity Listing: Not listed. International Agency for Research on Cancer Listing: Not listed.
<b>Reproductive Toxicity</b>	Not expected to cause germ cell mutations. Not expected to cause reproductive harm.
<b>Other Toxicity</b>	Not expected to cause drowsiness or dizziness. No specific organ toxicity known.

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

Algae – No toxic ingredients.

Fish – No toxic ingredients.

Crustacea – No toxic ingredients.

**Soil Mobility**

Not determined.

**Persistence and Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Other Adverse Effects**

Contains no ozone depleting ingredients such as CFCs.

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

Please recycle container with a licensed recycling company. Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

**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>	1950
<b>Proper Shipping Name</b>	Aerosols, Flammable (each not exceeding 1L)
<b>Hazard Class</b>	2.1 Flammable Gas
<b>Packing Group</b>	Not applicable
<b>Marine Pollutant</b>	No

**15. REGULATORY INFORMATION****US State Regulations****California Proposition 65**

No ingredients listed.

**VOC (CARB/OTC/ETC)**

Product Category: Single Purpose Cleaner.

VOC Limit: Not applicable.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	1	Flammability	2	Reactivity	0	Other	
<b>HMIS</b>	Health hazards	1	Flammability	3	Reactivity	2	Personal protection	

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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**