

# MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Degreaser and Deodorant - Natural Citrus

**Product Number:** 2-418

**Product Type:** Bulk Liquid

**Supplier's Name:** Terand Industries, Inc.

**Supplier's Address:** P.O. Box 667770, Pompano Beach, FL 33066

**Shipping Description:** Flammable liquid, n.o.s. (Terpene Hydrocarbons), 3, UN1993, PG III

**Formula:** Proprietary

**Date Prepared:** 02/07/08

**Emergency Phone:** (800) 535-5053

**Information Phone:** (954) 974-5440

**HMIS Rating :**

0-Minimal 1- Slight 2- Moderate

3- Serious 4- Extreme

HEALTH: 1 FIRE: 2 REACTIVITY: 0

**Personal Protection :** B

## SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Citrus Terpene	5989-27-5	80-90	NO	NO	NO	400 ppm	400 ppm
Nonylphenol Ethoxylate	127087-87-0	10-20	NO	NO	NO	N/E	N/E

## SECTION III - PHYSICAL DATA

Boiling Point: ~323° F

Solubility In Water: Emulsifies

Appearance/Odor: Orange tinted liquid, Citrus Fragrance

Total VOC %: ~ 95.0%

Vapor Density (Air=1): >1

Specific Gravity (H<sub>2</sub>O=1)@75°F: 0.874

## SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point:** 122°F (T.O.C.)

**Flammability:** Flammable Liquid

**Extinguishing Media:** Water Fog, Foam, CO<sub>2</sub>, Dry Media

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

**Unusual Fire and Explosion Hazards:** Exposure to temperature above 120° F may cause bursting.

## SECTION V - REACTIVITY DATA

**Stability:** Material Stable.

**Hazardous Polymerization:** Will not Occur.

**Incompatibility:** Avoid contact with strong oxidizing agents,

**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide

## SECTION VI - STORAGE AND HANDLING

**KEEP OUT OF REACH OF CHILDREN.**

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120° F.

## SECTION VII - HEALTH AND FIRST AID

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**

**Eyes:** Causes pain, redness and irritation.

**Skin:** Frequent or prolonged contact may cause irritation.

**Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages.

Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

**FIRST AID PROCEDURES:**

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Get medical attention immediately.

**Skin:** Wash with plenty of soap and water. If irritation persists seek medical attention.

**Inhalation:** Remove to fresh air. If continued difficulty is experienced, seek medical attention immediately. If breathing stops give artificial respiration.

**Ingestion:** Seek medical attention immediately.

## SECTION VIII - SPECIAL PROTECTION DATA

**Respiratory Protection:** None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) levels, use a NIOSH/MSHA approved air purifying respirator equipped with an organic vapor cartridge.

**Ventilation:** Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

**Protective Gloves:** Use chemical resistant gloves if hand contact will be made.

**Eye Protection:** Wear chemical proof splash goggles or face shield with safety glasses for splash protection.

## SECTION IX - SPILL OR LEAK PROTECTION

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Maintain local exhaust and adequate ventilation. No smoking.

Keep sparks, heat sources and open flame far away from spill or leak. Cover with suitable absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**WASTE DISPOSAL METHOD:** Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.