

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I - PRODUCT IDENTIFICATION

Product Name: Degreaser and Deodorant - Citrus and Soy
Product Number: 2419
Product Type: Bulk Liquid
Formula: Proprietary
Supplier's Name: Terand Industries, Inc.
Supplier's Address: P.O. Box 667770, Pompano Beach, FL 33066
DOT Ship Description: Flammable Liquid, n.o.s. (Terpene Hydrocarbons), 3, UN1993, PGIII

Date Prepared: 06/04/09
Information Phone: (954) 974-5440
Emergency Phone: (800) 255-3924

HMIS Rating (Based on Aerosol Conc.):
0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

HEALTH:	1
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
Personal Protection:	B

SECTION II - INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>	<u>313/Chem</u>	<u>Skin</u>	<u>Carcinogen</u>	<u>PEL</u>	<u>TLV-TWA</u>
Citrus Terpene	5989-27-5	45 - 55	NO	NO	NO	N/E	N/E
Poly-(oxy-1,2-ethanediyl)-alpha-undecyl-omega	34398-01-1	1 - 10	NO	NO	NO	N/E	N/E
Alcohols, C12-13, ethoxylated	66455-14-9	1 - 10	NO	NO	NO	N/E	N/E

SECTION III - PHYSICAL DATA

Boiling Point: >300 °F
pH: N/A
Appearance/Odor: Clear, light amber liquid with citrus fragrance

Specific Gravity (H₂O=1)@70 °F: 0.864
Solubility In Water: Emulsifies
Vapor Density(Air=1): >1

Total VOC %: 48.56% **Vapor Pressure (@72 °F):** N/D

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Conc.): 127 °F (T.O.C.)
Extinguishing Media: Foam, CO₂, 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 high temperatures in a fire situation may cause containers to rupture from gas generation. Flash back possible over considerable distance.

SECTION V - REACTIVITY DATA

Stability: Material Stable. **Hazardous Polymerization:** Will not Occur.
Incompatibility: Avoid contact with strong acids and oxidizing agents,
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

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.

SECTION VII - HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause moderate to severe irritation.
Skin: Frequent or prolonged contact may cause irritation, drying and defatting of skin, and dermatitis. May aggravate existing skin conditions.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Frequent or prolonged exposure may cause irritation to the upper respiratory tract, coughing, dizziness, nausea and headache.
Ingestion: Harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause lung injury.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII - SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep air concentrations of ingredients listed in Section II below acceptable limits.
Protective Gloves: Use chemical resistant gloves if hand contact will be made.
Eye Protection: Always wear safety glasses or chemical proof goggles when working with any chemical.

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.