

MATERIAL SAFETY DATA SHEET

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

SECTION I - PRODUCT IDENTIFICATION

Product Name: Nut and Bolt Loosener
Product Number: 2-213
Product Type: Bulk Liquid
Supplier's Name: Terand Industries, Inc.
Supplier's Address: P.O. Box 667770, Pompano Beach, FL 33066
Shipping Description: Oils, Lubricating, N.O.I. (not regulated under 49 CFR by DOT)

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:** 1 **REACTIVITY:** 0
Personal Protection : B

SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TW/TLV
Isoparaffinic Hydrocarbon	64742-46-7	60-80	NO	NO	NO	200 ppm	200 ppm
Mineral Oil	8042-47-5	10-20	NO	NO	NO	5mg/M ³	5mg/M ³
Dipropylene Glycol Monomethyl Ether	34590-94-8	01-05	NO	NO	NO	100 ppm	100 ppm

SECTION III - PHYSICAL DATA

Boiling Point: ~500° F
Solubility In Water: Slight
Appearance/Odor: Brownish liquid, Mild solvent odor.
Total VOC %: ~ 3%

Vapor Density (Air=1): >1
Specific Gravity (H₂O=1)@75°F: 0.833

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: >200°F (T.O.C.)

Extinguishing Media: Water Fog, 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 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.