



## MATERIAL SAFETY DATA SHEET

320 37th Avenue, St. Charles, Illinois 60174  
[www.unitedlabsinc.com](http://www.unitedlabsinc.com) . [www.unitedlabsinc.ca](http://www.unitedlabsinc.ca)

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
 UNITED 251 EARTH SMART® DIRTY FIGHTER  
 RTU Demulsifying Degreaser

**USE/DESCRIPTION**  
 Earth Smart Ready-To-Use Demulsifying Degreaser

**REVISION DATE**  
 December 22, 2013

#### HMIS III HEALTH (0 = Maximum Safety) **1**

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) **0**

Susceptible to Release of Energy.

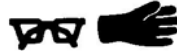
4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) **0**

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

### 3. HAZARDS IDENTIFICATION

**Eyes:** Short-term contact may cause irritation. Prolonged contact may cause burns and destruction of tissue.

**Skin:** May cause irritation and burns upon prolonged contact.

**Inhalation:** Mists of the product may be irritating to the respiratory tract.

**Ingestion:** Can cause irritation to mouth, esophagus, and stomach.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

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

**Inhalation:** Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

**Ingestion:** DO NOT induce vomiting. If conscious, give cold water to dilute the product. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC) :** >250°F

**Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide, and other unidentified organic compounds.

**Fire and Explosion Hazards:** In the presence of extreme heat, as in a fire, this product may react with active metals (e.g. aluminum, zinc, etc.) to release flammable hydrogen gas.

**Extinguishing Media:** Water spray; Carbon dioxide; Foam; Dry chemical.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Use water spray or mist to cool fire-exposed containers.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Small spills may be flushed with large quantities of water to sewer drain if permitted. This product may cause slippery conditions; rinse thoroughly.

**Large Spills:** Dike large spill and collect on suitable absorbent. Place in a salvage drum for disposal. This product may cause slippery conditions; rinse thoroughly.

## 7. HANDLING AND STORAGE

Keep this product in a properly labeled, tightly closed container. Store in a cool, dry well-ventilated area. Store away from incompatible materials. Do not allow this product to freeze, as the product may require mixing and containers may split or rupture. Avoid contact with skin and eyes. Use with adequate ventilation, avoid breathing mists.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses recommended.

**Skin:** Chemical resistant gloves recommended.

**Respiratory:** Normally not required. Avoid breathing mists.

**Engineering Controls:** Normally not required. Mechanical ventilation recommended when handling in enclosed/tight spaces.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** -212°F/100°C **Specific Gravity:** 0.995-1.005 (H<sub>2</sub>O=1) **Vapor Pressure:** ND **Melting Point:** ND

**Vapor Density:** ND **Evaporation Rate:** 1 (Water=1) **Solubility in Water:** Complete **pH:** 11.7-12.3

**Appearance and Odor:** Light green liquid with a mild lemon scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon monoxide, carbon dioxide, and other unidentified organic compounds.

**Chemical Stability:** Stable

**Incompatibility:** Acids, ammonium salt solutions, and oxidizing agents such as bleach.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT-Land:** Not regulated for transportation.

**TDG- Canada:** Not regulated for transportation.

**UN-Ocean:** Not regulated for IMDG.

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

**UNITED 251 EARTH SMART® DIRTY FIGHTER RTU Demulsifying Degreaser PREPARED BY:** Sandy Kopacz