



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME
 UNITED 250 EARTH SMART® DIRTY FIGHTER

USE/DESCRIPTION
 Earth Smart 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.

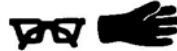
4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

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

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Sodium silicate	1344-09-8	1-5	NE	NE	>2000 mg/kg (rat/oral)	NE

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: Remove contaminated clothing. Wash with soap and plenty of water. 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) : >204°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: ND **Specific Gravity:** 1.040 (H₂O=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: Clear green liquid with fresh 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-Land 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 250 EARTH SMART DIRTY FIGHTER

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