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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** Earth Soap® Cleaner/Degreaser  
**Item No:** 27932  
**Product Type:** Multi-Purpose Cleaner

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
SURFACTANT (HCS-50NF) MIXTURE	1-5	Not listed	Not listed
MONOETHANOLAMINE 141-43-5	1-5	3 ppm	3 ppm; 6 mg/m <sup>3</sup>
ETHOXYLATED C9-C11 ALCOHOLS 68439-46-3	1-5	Not listed	Not listed
METHYL N,N-BIS-(2-HYDROXYETHYL) ISO-DECYLOXYPROPYL-AMMONIUM CHLORIDE 68478-94-4	1-5	Not listed	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. High concentrations of vapor or mist may be harmful or irritating if inhaled .

**Primary Routes of Entry:** Eye and skin contact, inhalation

**Signs and Symptoms of Exposure:** Overexposure may cause eye and skin redness. May cause inflammation of mucous membranes and irritation. Ingestion may cause nausea and vomiting.

**Medical Conditions Recognized as Being Aggravated by Exposure:** None known. Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention

**Inhalation:** Move to fresh air; get medical attention if symptoms persist.

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

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** ~166°F/~74.4°C PMCC

**Recommended Extinguishing Media:** Carbon dioxide, Dry chemical, Foam

**Special Fire-Fighting Procedures:** Wear suitable protective equipment. Use water spray to cool exposed containers.

**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen

**Unusual Fire/Explosion Hazards:** Does not sustain combustion (ASTM D4206).

**Lower Explosive Limit:** Not determined

**Upper Explosive Limit:** Not determined

### 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Spills may cause slippery floors.

**7. HANDLING AND STORAGE**

**Storage:** Keep containers tightly closed in a cool, well-ventilated place. Store below 100 degrees F. Do not allow freezing.  
**Handling:** Avoid contact with skin and eyes.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** Use only in well ventilated area.  
**Respiratory Protection:** Not required under normal use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Green liquid  
**Odor:** Lemon  
**Boiling Point:** ~212°F/~100°C  
**pH:** ~9.5  
**Solubility in Water:** Completely soluble  
**Specific Gravity:** ~1.023 g / ml  
**VOC(Wt.%):** <3%  
**Vapor Pressure:** ~18 mm Hg  
**Vapor Density (Air=1):** >1  
**Evaporation Rate:** <1 (butyl acetate = 1)

**10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Incompatibilities:** Strong oxidizers  
**Conditions to Avoid:** Freezing  
**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen

**11. TOXICOLOGICAL INFORMATION**

See Section 3

**12. ECOLOGICAL INFORMATION**

No data available

**13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

**14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

**Ground Transport (DOT)**

**DOT Shipping Name:** Not Regulated  
**Hazard Class:** None  
**UN/ID Number:** None

**IATA**

**Proper Shipping Name:** Not Regulated  
**Class or Division:** None  
**UN/ID Number:** None

**IMDG**

**Proper Shipping:** Not regulated  
**Hazard Class:** None  
**UN Number:** None

**Marine Pollutant:** None

**Product Name:** Earth Soap® Cleaner/Degreaser

**Item No:** 27932

## 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

**California Proposition 65:** No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 0, REACTIVITY 0.

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 0, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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**Revision Date:** March/05/2009

**Revision** 2

**Number:**

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