

Permatex, Inc.  
10 Columbus Blvd.  
Hartford, CT 06106 USA  
Telephone: 1-87-Permatex  
(877) 376-2839  
Emergency: 800-255-3924 (ChemTel)  
International Emergency: +01-813-248-0585

Canadian Corporate Office:  
ITW Permatex Canada  
8450 Lawson Road, Unit 1  
Milton, ON L9T 0J8  
Toll Free: (800) 924-6994  
(905) 693-8900  
Emergency: ChemTel (800) 255-3924

## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: Earth Soap Multi-Purpose Cleaner  
Product Type: Concentrated Cleaner  
Item Number: C90220

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
CATIOINC/NONIONIC BLEND *	5-10	NA	NA
PROPYLENE GLYCOL MONOBUTYL ETHER 5131-66-8	1-5	NA	NA

### 3. HAZARDS IDENTIFICATION

**Effects of Acute Exposure:** May cause eye/skin irritation  
High concentrations of vapor or mist may be harmful or irritating if inhaled.  
Ingestion may cause abdominal pain, vomiting

**Primary Routes of Entry:** Eyes, Skin, Inhalation

**Signs and Symptoms of Exposure:** Overexposure may cause eye and skin redness. Irritating to mucous membranes. 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.

**Chronic Health Hazard Comments:** None known  
The health effects listed above apply to this product in its concentrated state. When it is used according to the recommended dilution guide found on the product label, it is significantly milder and less irritating than the concentrate upon exposure.

### 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Rinse immediately with plenty of water for at least 15 minutes. Wash off with soap and water. If skin irritation persists, call a physician.

**Ingestion:** If swallowed, DO NOT induce vomiting. Give victim water, call a physician immediately. Never give anything by mouth to an unconscious person

**Inhalation:** Move to fresh air. If symptoms persist, call a physician.

**Notes to Physician:** Treat symptomatically

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** ~145°F/~63°C

**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

**Product Name:** Earth Soap Multi-Purpose Cleaner

## 5. FIRE FIGHTING MEASURES

<b>Unusual Fire/Explosion Hazards:</b>	Does not sustain combustion (ASTM D4206).
<b>Sensitivity to Static Discharge:</b>	Sensitivity to static discharge is not expected
<b>Mechanical Sensitivity:</b>	None reasonably foreseeable
<b>Lower Explosive Limit:</b>	Not determined
<b>Upper Explosive Limit:</b>	Not determined

## 6. ACCIDENTAL RELEASE MEASURES

Clean up spills thoroughly as residue is slippery. Prevent from entering waterways or sewers. Contact the proper local authorities.

## 7. HANDLING AND STORAGE

Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Store below 100°F. Do not freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eyes:</b>	Safety glasses
<b>Skin:</b>	Chemical resistant gloves
<b>Ventilation:</b>	Use only in well ventilated area.
<b>Respiratory Protection:</b>	Not required under normal use

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Colorless to light yellow liquid	<b>Odor:</b>	Mild. No fragrance added.
<b>Boiling Point:</b>	~212°F/~100°C	<b>Freezing Point:</b>	~32°F/ ~0°C
<b>pH:</b>	8-9 (Conc.); 7.5-8.5 (1:32)	<b>Solubility in Water:</b>	Completely soluble
<b>Specific Gravity:</b>	~1.018 g/ml	<b>Vapor Pressure:</b>	~18 mm Hg
<b>Vapor Density (Air=1):</b>	>1	<b>% Volatile:</b>	~86
<b>VOC(Wt.%):</b>	<4%	<b>Evaporation Rate:</b>	<1 (butyl acetate = 1)

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibilities:</b>	Strong oxidizers
<b>Conditions to Avoid:</b>	Avoid temperatures greater than 100°F. Freezing conditions.
<b>Hazardous Products of Combustion:</b>	Oxides of carbon, Oxides of nitrogen

## 11. TOXICOLOGICAL INFORMATION

### Product Toxicity

<b>Eyes:</b> No data available	<b>Skin:</b> No data available	<b>Inhalation LC50:</b> No data available	<b>Oral LD50:</b> No data available
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## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### Ground Transport (DOT)

<b>DOT Shipping Name:</b>	Not regulated
<b>Hazard Class:</b>	None
<b>UN/ID Number:</b>	None

### TDG(Transport of Dangerous Goods) Canada

<b>Proper Shipping Name:</b>	Not regulated
<b>Hazard Class:</b>	None
<b>UN/ID No:</b>	None

**Product Name:** Earth Soap Multi-Purpose Cleaner

## 15. REGULATORY INFORMATION

**SARA 302 Extremely Hazardous Substances:** None  
**SARA 313 Toxic Chemicals:** None  
**SARA (311, 312) Hazard Class:** Acute health hazard

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

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

**WHMIS Hazard Class:** D2B TOXIC MATERIALS - IRRITANT

## 16. OTHER INFORMATION

**Estimated HMIS Classification:**  
HEALTH 2, FLAMMABILITY 0, PHYSICAL HAZARD 0, PERSONAL PROTECTION B  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:**  
HEALTH 2, FLAMMABILITY 0, REACTIVITY 0  
NFPA is a registered trademark of the National Fire Protection Assn.

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety  
**Company:** Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA 06106  
**Telephone No.:** 1-87-Permatex (877) 376-2839

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