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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** Low Emulsifying Wash  
**Product Type:** Concentrated Cleaner/Degreaser  
**Item Number:** C37845

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
ETHANOLAMINE 141-43-5	1-5	3 ppm	3 ppm; 6 mg/m <sup>3</sup>
ALCOHOL ETHOXYLATE (MIXTURE)	1-5	NA	NA

### 3. HAZARDS IDENTIFICATION

**Effects of Acute Exposure:** May cause eye/skin irritation  
May irritate respiratory system upon frequent or prolonged use  
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

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

**Signs and Symptoms of Exposure:** Overexposure may cause eye and skin redness. 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 in case of accidental inhalation of vapours. If symptoms persist, call a physician.

**Notes to Physician:** Treat symptomatically

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** ~172°F/~78°C TCC

**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:** Carbon monoxide, Carbon dioxide, Oxides of nitrogen

**Product Name:** Low Emulsifying Wash

## 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>	Green liquid	<b>Odor:</b>	Lemon.
<b>Boiling Point:</b>	~212°F/~100°C	<b>Freezing Point:</b>	~32°F/ ~0°C
<b>pH:</b>	~11.5	<b>Solubility in Water:</b>	Completely soluble
<b>Specific Gravity:</b>	~1.005 g/ml	<b>Vapor Pressure:</b>	~18 mm Hg
<b>Vapor Density (Air=1):</b>	>1	<b>% Volatile:</b>	~91
<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>	Carbon monoxide, Carbon dioxide, Oxides of nitrogen

## 11. TOXICOLOGICAL INFORMATION

### Product Toxicity

<b>Eyes:</b> Moderately irritating (Rabbit Draize score 22.3/110)	<b>Skin:</b> Slightly irritating (Rabbit Draize score 1.4/8 (LD50, Rat >5,000 mg/kg)	<b>Inhalation LC50:</b> >2,100 mg/m <sup>3</sup> (LC50, Rat 4 hour exposure)	<b>Oral LD50:</b> >5,000 mg/kg (Rat)
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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:** Low Emulsifying Wash

## 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 1, FLAMMABILITY 0, PHYSICAL HAZARD 0, PERSONAL PROTECTION B  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:**  
HEALTH 1, FLAMMABILITY 0, REACTIVITY 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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