

# MATERIAL SAFETY DATA SHEET



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ANALYSIS:

**ACEITE**

DATE:

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## SECTION I. MATERIAL IDENTIFICATION

**Product Name:** Cottonseed Oil Surfactant (Adjuvant)  
**Description:** Emulsifiable Vegetable Oil

## SECTION II. INGREDIENTS AND HAZARDS

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>%</u>	<u>TLV or PEL</u>	<u>RO (lbs)</u>
Alkylaryl Polyether-Ethanols (Proprietary)	N/A	7.0	N/A	N/A

## SECTION III. PHYSICAL DATA

<b>Appearance &amp; Color:</b> Amber liquid with oil-like odor.	<b>Density:</b>	7.67 lbs./gal
<b>pH:</b> 7.0	<b>Evaporation Rate:</b>	N/A
<b>Vapor Pressure:</b> 0.25 (psi)	<b>Viscosity:</b>	N/A
<b>Vapor Density (Air = 1):</b> <1.0	<b>% Volatile:</b>	N/A
<b>Boiling Point:</b> >150° (302°F)	<b>Water Solubility:</b>	Emulsifiable

## SECTION IV. FIRE AND EXPLOSION DATA

<b>Flash Point:</b> >200°F	<b>Reactions that release flammable gases or vapors:</b> Not known
<b>Test Method:</b> ASTM D-56	<b>Unusual fire and explosion hazards:</b> Burning may result in formation of carbon oxides.
<b>LEL Flammable Limits:</b> Not Pertinent	<b>Extinguishing Media:</b> Water, foam, CO <sub>2</sub> , dry chemical.
<b>UEL Flammable Limits:</b> Not Pertinent	<b>Special Firefighting Procedures:</b> Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.
<b>Flammability Class:</b> Noncombustible	
<b>Hazardous Polymerization:</b> None	
<b>Stability:</b> Stable	
<b>Conditions to avoid:</b> Avoid contact with strong acids, bases or oxidizing agents.	

## SECTION V. HEALTH HAZARD INFORMATION

**Effects of overexposure:** Mild Irritant to eyes, skin, ingestion, inhalation.

**FIRST AID: Ingestion:** Give large quantities of water. Consult physician immediately. **Inhalation:** May cause mild irritation of nasal mucous membranes. **Skin Contact:** Wash with soap and water. Prolonged exposure causes redness, drying and cracking. **Eye Contact:** Flush with water for at least 15 minutes.

## SPECIAL PROCEDURES / PRECAUTIONS

**Respiratory Protection:** Do not inhale mist when spraying. Use NIOSH approved respiratory equipment.  
**Eye Protection:** Keep out of eyes, wear safety goggles. **Skin Protection:** Impervious gloves and clothes.  
**Spill or Leak Procedures:** Prevent spillage from entering drinking water or streams. Do not contaminate lakes, streams, ponds, oceans or other waters by discharge of waste effluents or equipment washwater. Collect liquid or absorb onto absorbent material and package for disposal. No known toxicity to Fish, Bird or Plant life. Use good industrial hygiene practices. **Storage:** Store in plastic or stainless steel containers in a cool well ventilated area, above 40°F. Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc. **Transportation:** Not D.O.T. Regulated.