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## Material Safety Data Sheet (MSDS)

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**Product Name:** Ecosil  
**Code Number:** FSSB30060  
**CAS #'s:** 22047-49-0 & 111-01-3  
**EINECS #'s:** 244-754-0 & 203-825-6  
**INCI Name:** Hydrogenated Ethylhexyl Olivatate & Hydrogenated Olive Oil Unsaponifiables

### SECTION I – MATERIAL AND MANUFACTURING IDENTIFICATION

Chemical Family: Chemical Mixture

### SECTION II – HAZARDS IDENTIFICATION

Main Hazards: None

### SECTION III – COMPOSITION / PRODUCT DESCRIPTION

Hazardous components: None

TWA: N/A

Hazard: None

HMIS Codes:           H       0  
                              F       0  
                              R       0

### SECTION IV –FIRST AID MEASURES

Effects of Single Overexposure: None

### EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption: Rinse with soap and water.  
Eye Contact: Rinse with water. Consult with a physician.  
Inhalation: Remove from exposure area. Consult with a physician.  
Skin Contact: Rinse with soap and water. Consult with a physician.  
Swallowing: Consult with a physician.



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### SECTION V – MEASURES IN CASE OF FIRE

Flash Point:	N/A
Extinguishing Media:	Water, foam, dry chemicals, carbon dioxide
Special Fire Fighting Procedures:	None known
Unusual Fire and Explosion Hazards:	None known
Minimal Ignition Energy:	<5 milli Joules

### SECTION VI – MEASURES IN CASE OF ACCIDENTAL SPREADING

After Spillage or Leakage:

On Soil                      Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material.

On Water                    Prevent entry into sewers and waterways.

Effect of Single Overexposure:      None

### EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption:	Rinse with soap and water.
Eye Contact:	Rinse with water. Consult with a physician.
Inhalation:	Remove from exposure area. Consult with a physician.
Skin Contact:	Rinse with soap and water. Consult with a physician.
Swallowing:	Consult with a physician.

### SECTION VII – HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Labeling:	Keep out of the reach of children. For industrial use, only as directed.
Handling Conditions:	Wash hands after use. Avoid storage near feed or food stuffs.
Storage Conditions:	Keep container closed. Store in a cool, dry place.

### SECTION VIII – CONTROL EXPOSURE – PERSONAL PROTECTION

Respiratory Protection:	Dust mask or equivalent
Ventilation:	Local exhaust
Protective Gloves:	Rubber or neoprene
Other Protective Equipment:	Protective clothing to avoid skin contact and eye protection



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### SECTION IX – PHYSICAL AND CHEMICAL DATA

Appearance and Odor:	Clear Liquid, Almost colorless; Characteristic odor
Specific Gravity:	0.845-0.865
Refractive Index:	1.4460-1.4500
Acid Value:	2.0 Maximum
Iodine Value:	3.0 Maximum
Saponification Value:	125-150
Microbial Content:	<100 opg; No pathogens
Solubility in Water:	Insoluble

### SECTION X – STABILITY AND REACTIVITY

Stability:	N/A
Conditions to Avoid:	Avoid extreme heat
Incompatibility:	Avoid contact with strong oxidizers
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

### SECTION XI – INFORMATION ON TOXICITY

Ingestion:	Not determined
Dermal:	Not determined
Ocular:	Not determined
Inhalation:	Not determined

### SECTION XII – INFORMATION ON ECOLOGICAL EFFECT

Biodegradation:	Not determined
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### SECTION XIII – DISPOSAL CONSIDERATION

Recover if possible. In so doing, comply with local and national regulations currently in force.

### SECTION XIV- INFORMATION ON TRANSPORT

Road (ADR) - Not dangerous for conveyance. Sea transport (IMO/IMDG) - Not dangerous for conveyance. Air transport (ICA/IATA) – Not dangerous for conveyance. Rail (RID) - Not dangerous for conveyance.

### SECTION XV - REGULATORY INFORMATION

This product is not classified as dangerous according to 67/548/ECC or 99/45/EC as amended.

TSCA Status:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances
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**OSHA:**

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Clean Air Act Section 112:**

This product contains the following components present at or above the OSHA de minimus level and listed as Hazardous Air Pollutants:

None

**SECTION XV - REGULATORY INFORMATION****SARA Section 302 Extremely Hazardous Materials:**

This product contains the following components listed as Extremely Hazardous Substances:

None

**SERA Section 304 CERCLA Hazardous Substances:**

None

**SERA Section 312 Hazard Class:**

Acute:	NO
Chronic:	NO
Fire:	NO
Pressure:	NO
Reactive:	NO

**SERA Section 313 Toxic Chemicals:**

None present or none present in regulated quantities.

**STATE REGULATIONS:**

This product contains the following non-hazardous components subject to disclosure under North Carolina Right-To-Know legislation:

CAS Number

**SECTION XVI - OTHER INFORMATION**

Prepared by: Formulator Sample Shop

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent.