



*"Environmentally Responsible Resin Systems"*

## **MATERIAL SAFETY DATA SHEET**

EMERGENCY PHONE: CHEMTREC: 1-800-424-9300      NON-EMERGENCY PHONE: 920-803-1700

### **SECTION I – IDENTIFICATION**

**PRODUCT: SO-CLEAN XTREME**

**CHEMICAL:** Fatty Acid Methyl Ester

**SYNONYMS:** Methylsoyate of Soybean

### **SECTION II – INGREDIENTS AND HAZARD CLASSIFICATION**

Proprietary (All non-hazardous)

### **SECTION III – HEALTH INFORMATION**

ROUTE (S) of ENTRY:

INHALATION:      Primary

SKIN:              Primary

INGESTION:        Primary

SIGNS OR EFFECTS OF EXPOSURE:

1. ACUTE

Eye:                Slight irritation. May cause redness, irritation.

Skin:                Slight irritation. May cause redness, irritation.

Inhalation:        Low acute inhalation toxicity. Mists can cause headache, dizziness, nausea, upper respiratory tract irritation.

Ingestion:         May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

2. CHRONIC

Eye:                Exposure will cause redness, irritation.

Skin:                Prolonged exposure may cause redness, irritation.

Inhalation:        Prolonged exposure to mists can cause headache, dizziness, nausea, upper respiratory tract irritation.

Ingestion:         May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

### **SECTION IV – OCCUPATIONAL EXPOSURE LIMITS**

No TLV has been set for this product. As with all industrial materials, exposure of this product to the skin and eyes should be avoided.

### **SECTION V – EMERGENCY FIRST AID PROCEDURE**

**IF INHALED:**

Remove patient to fresh air. If breathing is difficult, give oxygen.  
If not breathing, give artificial respiration.

- IF IN EYES:** Immediately flush with plenty of water (15 minutes).  
If easy to do, remove any contact lenses.  
Get medical attention if irritation persists.  
Remove material from skin and clothing.
- IF ON SKIN:** Immediately wash with soap and plenty of water  
Remove contaminated clothing.  
Get medical attention if symptoms occur. Wash clothing before reuse.
- IF SWALLOWED:** Immediate first aid is not likely to be required.  
Do not induce vomiting. Drink large quantities of water.

#### **SECTION VI – PHYSICAL DATA**

BOILING POINT: 212 °F  
VAPOR PRESSURE (mm Hg): < 5  
EVAPORATION RATE: Same as water  
REACTIVITY IN WATER: NOT Applicable

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.3  
VAPOR DENSITY (AIR=1): heavier than air  
SOLUBILITY IN WATER: Soluble  
pH VALUE 100% @ 25 °C: 9.8 – 10.1  
pH VALUE 0.5% @ 25 °C: 8.5 – 9.1

APPEARANCE AND ODOR: Crystal clear orange to amber liquid with light sunburst odor.

#### **SECTION VII – FIRE AND EXPLOSION HAZARDS**

FLASH POINT (TCC): > 300° F  
EXTINGUISHING MEDIA: (Small Fires): dry chemical, carbon dioxide. (Large Fires) Alcohol foam, universal foam, water spray, Water jet (frothing possible)  
SPECIAL FIRE FIGHTING PROCEDURES: N/A  
UNUSAL FIRE AND EXPLOSION HAZARDS: None known.  
SUGGESTED NFPA RATING: HEALTH: 1 FIRE: 0 REACTIVITY: 1

#### **SECTION VIII – STABILITY AND REACTIVITY**

STABILITY: Stable  
CONDITIONS TO AVOID: None known.  
MATERIALS TO AVOID: Strong acids and oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition due to fire will result in the generation of oxides of carbon, oxides of nitrogen.  
HAZARDOUS POLYMERIZATION: Will not occur

#### **SECTION XI – EMPLOYEE PROTECTION**

RESPIRATORY PROTECTION: NIOSH MSHA approved respirator is recommended, if no general ventilation or exhaust is in work area  
VENTILATION: Local exhaust is recommended, Mechanical (General) is acceptable  
PROTECTIVE GLOVES: Recommended  
EYE PROTECTION: Recommended  
PROTECTIVE EQUIPMENT: Not applicable  
SPECIAL: Not applicable  
OTHER: Not applicable

#### **SECTION X – ENVIRONMENTAL PROTECTION**

ENVIRONMENTAL: Avoid uncontrolled releases of this material to environment.  
SPILL OR LEAK: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent material. Prevent entry into waterways, sewers, or basements or confined areas.

WASTE DISPOSAL: Dispose of according to federal, state, and/or local requirements.

**SECTION XI – REGULATORY CONTROLS**

DOT Shipping Name: Fatty Acid Ester  
DOT I.D. #: 144920  
DOT Classification: Class 65  
UN Hazard Class: N/A

**SECTION XII – OTHER INFORMATION**

PRODUCT USE: Industrial Cleaner  
REASON FOR REVISION: New software implementation

	Health	Fire	Reactivity
SUGGESTED HMIS RATING:	1	0	1

**SECTION XIII – DATE AND SIGNATURE**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as the suitability and completeness of such information for his own particular use. Law may require the submission of this MSDS, but this is no assertion that the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.

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