



## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION

**TRADE NAME:** SOYAC Soy Based Solvent  
**PRODUCT NUMBER:** SI-58S  
**HARMONIZING CODE:** 3402.13.2050  
**MANUFACTURER:** SOYAC Industrial - 12514 Willow Breeze Dr.  
Tomball, TX 77377  
**EMERGENCY PHONE:** 877-243-0445  
**RECOMMENDED USE:** Substitute of Petrochemical Based Solvent

### SECTION 2 – HAZARD IDENTIFICATION

This product contains no hazardous material per Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

- Product is slippery when spilled.
- Emergency Overview: May cause irritation to the eyes, skin and respiratory system
- Health Effects: Eyes – May cause slight eye irritation.
- Health Effects: Skin – May cause slight skin irritation.
- Health Effects: Inhalation – High vapor or aerosol mist concentration may be irritating to the nose, throat and upper respiratory tract.
- Health Effects: Ingestion – Ingestion of large amounts may produce gastrointestinal disturbances including irritation. Nausea and diarrhea.

#### HAZARD INDEX

4 – SEVERE HAZARD

3 – SERIOUS HAZARD

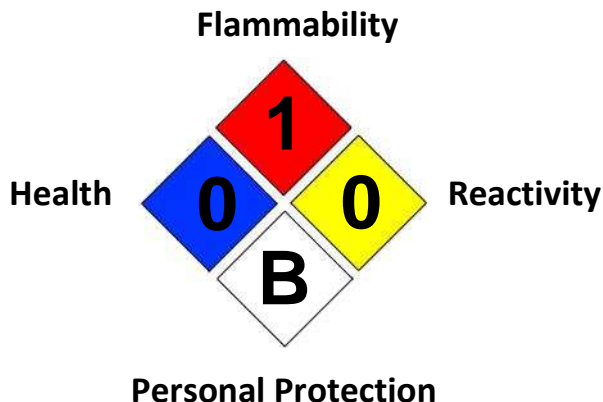
2 – MODERATE HAZARD

1 – SLIGHT HAZARD

0 - MINIMAL HAZARD

#### PERSONAL PROTECTION

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### **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>INGREDIENT NAME:</b>	1. Methyl Ester, Soybean Oil – CAS No. 67784-80-9	70%-90%
	2. Alcohol Ethoxylates	Trade Secret 20%-15%

### **SECTION 4 – FIRST AID MEASURES**

**EYES CONTACT:** Flush with large amount of water for at least 15 minutes.

**SKIN CONTACT:** Rinse with soap and water.

**INGESTION:** If ingestion of large amount does occur, seek medical attention. Do not induce vomiting.

### **SECTION 5 – FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide and water fog.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Carbon Monoxide, Carbon Dioxide.

**SPECIAL FIRE FIGHTING PROCEDURE:** Self-contained breathing apparatus & full protective clothing must be worn in case of fire.

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**SPILL AND LEAK PROCEDURES:** Contain or isolate spill or leak area immediately. Transfer to secure containers. Where necessary, collect using absorbent material. Prevent entry into waterway, sewer, or basements or confined areas.

**SURFACE MAY BECOME SLIPPERY AFTER SPILLAGE.**

### **SECTION 7 – HANDLING AND STORAGE**

**HANDLING PROCEDURES:** Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

**STORAGE PROCEDURE:** Storage in a dry well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition.

### **SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION**

**APPROPRIATE ENGINEERING:** Use general ventilation. Local exhaust is suggested for use where possible in enclosed or confined areas.

**PERSONAL PROTECTIVE EQUIPMENT:** Eyes/face – Wear safety glasses or chemical goggles and a face shield if splashing is possible.

**Skin:** Wear suitable protective clothing. Use impervious gloves.

Respiratory: If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

## **SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Fluid
APPARENCE:	Yellow liquid
ODOR:	Mild
BOILING POINT:	>483°F (251°C)
SOLUBILITY IN WATER:	Partially soluble
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	<1
MELTING POINT:	30°F
PH @ 1%:	6.5
VOC:	<25grams / liter

## **SECTION 10 – STABILITY & REACTIVITY**

STABILITY:	Stable
CONDITION TO AVOID:	Excessive Heat and Ignition Sources
HAZARDOUS DECOMPOSITION:	CO and CO <sub>2</sub> may be produce.
Hazardous Polymerization:	Will not occur.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

Specified Chemicals Greater Than 1% In Concentration Are As Follows:

ACUTE/CHRONIC TOXICITY:	No data available for this product
OTHER ADVERSE EFFECTS:	No data available

## **SECTION 12 – ECOLOGICAL INFORMATION**

ECOTOXICITY:	Not expected to be harmful to aquatic organisms
ENVIRONMENTAL IMPACT:	This product is biodegradable.
BIOACCUMULATIVE POTENTIAL:	Meets U.S. EPA 28 day half-life criteria
MOBILITY IN SOIL:	Immiscible with water and will spread on the water surface
OTHER ADVERSE EFFECTS:	Data not available

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

DISPOSAL INSTRUCTIONS: Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local regulations. Regulations may vary in

different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

#### **SECTION 14 – TRANSPORT INFORMATION**

UN NUMBER: N/A, Not regulated.

UN PROPER SHIPPING NAME: Methy-Ester

SHIPPING CLASSIFICATION: 55

#### **SECTION 15 – REGULATORY INFORMATION**

SARA TITLE III: None of these chemicals are reportable under section 302, 304.

SECTION 312 EXTREMELY HAZARDOUS SUBSTANCE: None.

SECTION 313 TOXIC CHEMICALS: None.

#### **SECTION 16 - OTHER INFORMATION**

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