

## Section 1 - Identification

Product Name: SM-100 (75100)

ITD Chemical, LLC  
1827 Auger Drive  
Tucker, GA 30084  
770-939-5544

**Emergency Phone: 800-535-5053**

## Section 2 - Hazards Identification

### GHS Ratings:

Skin corrosion/irritation	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Serious eye damage/eye irritation	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days

### GHS Hazards

H316	Causes mild skin irritation
H320	Causes eye irritation

### GHS Precautions

P264	Wash hands thoroughly after handling
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention

**Signal Word: Warning**



## Section 3 - Composition, Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Methyl ester, soybean oil	67784-8/0-9	60.00% - 100.00%
Nonylphenol, ethoxylated	127087-87-0-6	0.00% - 15.00%

## Section 4 - First Aid Measures

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact:** Wash off with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**Most important symptoms/effects, acute and delayed:** Exposed individuals may experience eye tearing, redness, and discomfort.

**Indication of immediate medical attention and special treatment needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL:

UEL:

**Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material. During fire, gases hazardous to health may be formed. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions:** Move containers from fire area if you can do so without risk.

**Specific methods:** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:** No unusual fire or explosion hazards noted.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up:** The product is immiscible with water and will spread on the water surface.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Environmental precautions Avoid discharge into drains, water courses or onto the ground.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use clean non-sparking tools to collect absorbed material. Following product recovery, flush area with water.

## Section 7 - Handling & Storage

**Precautions for safe handling:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities:** Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Methyl ester, soybean oil 67784-8/0-9	Not Established	Not Established	Not Established
Nonylphenol, ethoxylated 127087-87-0-6	Not Established	Not Established	Not Established

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

**Occupational exposure limits:** No exposure limits noted for ingredient(s).

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

*Individual protection measures, such as personal protective equipment*

**Eye/face protection:** Wear eye/face protection. Wear safety glasses with side shields (or goggles).

**Hand protection:** For prolonged or repeated skin contact use suitable protective gloves.

**Skin protection:** Other Wear suitable protective clothing.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Eye wash fountain and emergency showers are recommended.

## Section 9 - Physical & Chemical Properties

<b>Appearance</b> Clear Liquid <b>Specific Gravity</b> 0.883	<b>Color</b> Amber
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## Section 10 - Stability & Reactivity

**reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.

**Conditions to avoid:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

UNSTABLE

**Incompatibilities:**

Strong Oxidizing Agents

**Hazardous Decomposition:**

None Known

Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

**Mixture Toxicity**

**Component Toxicity**

## Effects of Overexposure

CAS Number

Description

% Weight

Carcinogen Rating

### Section 12 - Ecological Information

NONE

#### Component Ecotoxicity

### Section 13 - Disposal Considerations

**Disposal instructions:** This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazardous waste code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### Section 14 - Transportation Information

Agency

Proper Shipping Name

UN Number

Packing Group

Hazard Class

DOT

Not Regulated

### Section 15 - Regulatory Information

Country

Regulation

All Components Listed

EU Risk Phrases

Safety Phrase

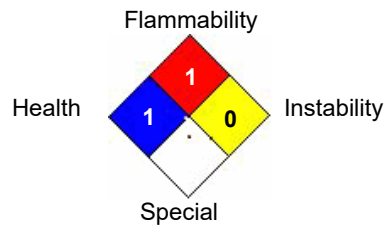
### Section 16 - Other Information

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

HEALTH	<input type="text" value="1"/>
FLAMMABILITY	<input type="text" value="1"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

**HMIS & NFPA Hazard Rating Legend**  
 \* = Chronic Health Hazard  
 0 = INSIGNIFICANT  
 1 = SLIGHT  
 2 = MODERATE  
 3 = HIGH



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Reviewer Revision

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