

Product Name:

SAFE CARE® SoyEster™ Safety Solvent

Revision Date: 01/01/08

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Material Safety Data Sheet
OECD Format

Hazard Scale		Product Rating	
4	Extreme	Fire	1
3	High	Toxicity	0
2	Moderate	Reactivity	0
1	Slight	Health	1
0	Insignificant	Safety	0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier:

GEMTEK® Products
3808 North 28th Avenue
Phoenix, Arizona 85017 USA
www.gemtek.com - info@gemtek.com
Emergency Telephone Number: (602) 265-8586 or 800-331-7022 (in the U.S.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name of the Substance: Complies with OSHA 29 CFR XVII - 1910.1200 Section (i) "Trade Secrets". Contains no hazardous Components under current OSHA definitions. Contents include soy methyl ester and other vegetable esters.

European Union: None of the components of this product are listed in Annex I to Directive 67/548/EEC or in Annexes II, III or V to Directive 1999/45/EC.

3. HAZARDS IDENTIFICATION

Most Important Hazards: None

Specific Hazards: May be an eye irritant. Do not spray into eyes. If irritation does occur, rinse with clean water.

4. FIRST AID MEASURES

General Advice: Product exhibits no adverse effects.

Inhalation: Non-reactive - No First Aid needed.

Skin Contact: Non-irritating - No First Aid needed.

Eye Contact: Rinse thoroughly with plenty of water.

Ingestion: Non-toxic - No First Aid needed.

5. FIRE-FIGHTING MEASURES

Specific Hazards: Product is similar to diesel. Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in a well-ventilated area.

Suitable Extinguishing Media: Water spray (fog), dry chemical, foam, CO₂, Standard extinguishing media for oil.

Specific Methods: Use air supplied equipment for fighting interior fires. Water may be ineffective but should be used to keep fire-exposed containers cool. If a spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None needed. Caution floor may be slippery.

Environmental Precautions: None needed; non-toxic, non-hazardous in neat form.

Methods for Cleaning Up: Contain spilled material, transfer to secure containers, where necessary, collect using absorbent media. Small spills may be disposed directly by flushing area with water into sewer.

7. HANDLING AND STORAGE

Technical Measures/Precautions: Normal ventilation is adequate.

Safe Handling Advice: No special handling advice necessary.

Technical Measures/Storage Conditions: Keep away from extreme heat and flame.

Incompatible Products: Avoid strong oxidizers.

Packaging Material: No restrictions.

Emergency Contact Number: 800-331-7022



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: General room ventilation is satisfactory.

Personal Protection Equipment

Respiratory: None needed.

Eye: Safety glasses may be used.

Hand: None needed.

Hygiene Measures: Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid at room temperature

Odor: Light Vegetable Oil

Boiling Point/Range: 400°F - 600°F (204°C -315°C)

Cloud Point: 37° F

Vapor Pressure: 2 - 5 mm Hg at 72°F (22°C)

Evaporation Rate: <1 (Butyl Acetate = 1)

Color: Light to Medium Amber

Flash Point Range: 300°F - 425°F (149°C - 218°C)

Water Solubility: Insoluble

Specific Gravity: 0.88 at 77°F (25°C) (Water = 1)

% Volatile by Volume: 7.29% (64g/L EPA Method 24)

Melting Point: 30°F (-1°C)

10. STABILITY AND REACTIVITY

Materials to Avoid: Strong oxidizers

Hazardous Decomposition Products: Combustion produces carbon monoxide and carbon dioxide along with thick smoke.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Non-toxic.

Local Effects: None.

Specific Effects: None.

12. ECOLOGICAL INFORMATION

Non-toxic; non-hazardous; readily biodegradable, and safe for the environment.

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products: Product is recyclable, can be used after filtering.

Contaminated Packaging: If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1991 if contaminated with hazardous materials. May be disposed of in neat form.

14. TRANSPORT INFORMATION

US DOT Shipping Name: Vegetable Oil Esters **US DOT Classification:** 55 **US DOT ID#:** n/a **UN Hazard Class:** n/a

15. REGULATORY INFORMATION

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

16. OTHER INFORMATION

For further information, contact the Headquarters of GEMTEK® Products

Recommended Uses: Non-toxic solvent replacement for petroleum solvents

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.