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item#0395-0677

**Cottonseed Oil**

**DATE ISSUED:** 04/10/07

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**SECTION I**

**PRODUCT IDENTIFICATION**  
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**Product Name:** Cottonseed Oil

**Common Names:** Shortenings, fats or oils

**Chemical Name:** Predominantly Triglycerides of mixed Fatty Acids of meat fat and/or vegetable origin as specified on product label.  
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**SECTION II**

**HAZARDOUS INGREDIENTS**  
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GRAS under the Food, Drug and Cosmetic Act.  
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**SECTION III**

**PHYSICAL DATA**  
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**Boiling Point:** NA

**Specific Gravity:** (H<sub>2</sub>O=1) (melted) 0.70 – 0.95

**Solubility in Water:** Insoluble.

**Vapor Density:** Exceeds 1.0

**Appearance, Physical State and Odor:** Solid – white to yellow. Liquid (melted) – yellow liquid.  
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**SECTION III A**

**DEGREE OF HAZARD**  
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**Degree of Hazard**

4 - Extreme	Flammability	0
3 - High	Health	0
2 - Moderate	Reactivity	0
1 - Slight	Special Hazard	0
0 - Insignificant		

  
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**SECTION IV**

**FIRE & EXPLOSION HAZARD**  
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Edible fats and oils will burn.

**Flash Point:** Above 500°F (260°C) AOCS cc 9b-55

**Firefighting:** Use standard fire fighting procedures when extinguishing fat or oil fires.

**Extinguishing Media:** Foam, CO<sub>2</sub>, or dry chemical. Because water can spread the fire, it is advisable to avoid a direct water stream for extinguishing the fire.

**Cottonseed Oil**

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**SECTION V HEALTH HAZARD DATA**

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**Threshold Limit Value – TLV:** As liquid or solid – none  
Oil mists – 10 mg/m<sup>3</sup> total particulate

**Health Effects:** Excessive inhalation of oil mist may affect the respiratory system. Oil mist is classified as a nuisance particulate by ACGIH. Sensitive individuals may experience dermatitis after prolonged exposure of oil on the skin.

**Hygienic Practice:** May be removed from the skin by washing with soap and warm water.

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**SECTION VI REACTIVITY DATA**

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Stable. No known reactivity problems.

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**SECTION VII SPILL OR LEAK PROCEDURES**

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**Steps to be taken in case material is released or spilled to prevent against slippery surfaces:**

**Small Spill:** Add solid absorbent, shovel into disposable container and hose down area. Clean area with detergent.

**Large Spill:** Squeegee or pump into holding container. Clean area with detergent. Dispose of in accordance with local, state and Federal regulations.

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**SECTION VIII SPECIAL PROTECTION INFORMATION**

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If exposed to oil mist, an appropriate NIOSH approved respirator for organic vapors may be required. If handling containers of hot oil, insulated gloves or personal protection equipment may be required. Ventilation should be provided in areas where hot oil is being used. As with any hot liquid, hot oil can burn the skin. Normal first aid procedures should be used for treating burns.

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**SECTION IX PRECAUTIONS FOR SAFE HANDLING & USE**

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Store away from flame and excessive heat. To avoid spontaneous fire, store wiping rags and similar material in metal cans with tight fitting lids.