

# Safety Data Sheet

## Cottonseed Oil



### Section 1 Product Description

**Product Name:** Cottonseed Oil  
**Recommended Use:** Science education applications  
**Synonyms:** Cottonseed Oil  
**Distributor:** Carolina Biological Supply Company  
2700 York Road, Burlington, NC 27215  
1-800-227-1150  
**Chemical Information:** 800-227-1150 (8am-5pm (ET) M-F)  
**Chemtrec:** 800-424-9300 (Transportation Spill Response 24 hours)

### Section 2 Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

**GHS Classification:**

**Other Safety Precautions:** Not a dangerous substance according to GHS classification criteria.  
No known OSHA hazards.

**Acute Toxicity Dermal Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Inhalation Gas Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Inhalation Vapor Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Inhalation Dust/Mist Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity

### Section 3 Composition / Information on Ingredients

| <u>Chemical Name</u> | <u>CAS #</u> | <u>%</u> |
|----------------------|--------------|----------|
| Cottonseed Oil       | 8001-29-4    | 100      |

### Section 4 First Aid Measures

**Emergency and First Aid Procedures**

**Inhalation:** In case of accident by inhalation: remove casualty to fresh air and keep at rest.  
**Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**Skin Contact:** After contact with skin, wash immediately with plenty of water.  
**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### Section 5 Firefighting Procedures

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.  
**Fire Fighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.  
**Fire and/or Explosion Hazards:** Flammable. In use, may form flammable/explosive vapor-air mixture.  
**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

### Section 6 Spill or Leak Procedures

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## Steps to Take in Case Material Is Released or Spilled:

No adverse health affects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this (M)SDS. Isolate area. Keep unnecessary personnel away. Remove soiled clothing and launder before reuse. Slippery, can cause falls if walked on  
Contain the discharged material. Do not allow the spilled product to enter public drainage system or open waterways. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container

## Section 7 Handling and Storage

**Handling:** Harmful: danger of serious damage to health by prolonged exposure in contact with skin. Avoid contact with eyes. Do not breathe gas/fumes/vapor/spray.  
**Storage:** Keep container tightly closed in a cool, well-ventilated place.  
**Storage Code:** Green - general chemical storage

## Section 8 Protection Information

| Chemical Name     | ACGIH |        | OSHA PEL |        |
|-------------------|-------|--------|----------|--------|
|                   | (TWA) | (STEL) | (TWA)    | (STEL) |
| No data available | N/A   | N/A    | N/A      | N/A    |

### Control Parameters

**Engineering Measures:** No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

**Personal Protective Equipment (PPE):** Lab coat, apron, eye wash, safety shower.

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**Eye Protection:** Wear chemical splash goggles when handling this product. Have an eye wash station available.

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Natural rubber, Neoprene, PVC or equivalent.

## Section 9 Physical Data

|   |   |
|---|---|
| <b>Formula:</b> See Section 3                     | <b>Vapor Pressure:</b> N/A                          |
| <b>Molecular Weight:</b> N/A                      | <b>Evaporation Rate (BuAc=1):</b> N/A               |
| <b>Appearance:</b> Pale yellow Liquid             | <b>Vapor Density (Air=1):</b> N/A                   |
| <b>Odor:</b> No data available                    | <b>Specific Gravity:</b> 0.918                      |
| <b>Odor Threshold:</b> No data available          | <b>Solubility in Water:</b> Practically Insoluble   |
| <b>pH:</b> No data available                      | <b>Log Pow (calculated):</b> No data available      |
| <b>Melting Point:</b> No data available           | <b>Autoignition Temperature:</b> No data available  |
| <b>Boiling Point:</b> No data available           | <b>Decomposition Temperature:</b> No data available |
| <b>Flash Point:</b> No data available 252 - 321 C | <b>Viscosity:</b> No data available                 |
| <b>Flammable Limits in Air:</b> N/A               | <b>Percent Volatile by Volume:</b> N/A              |

## Section 10 Reactivity Data

**Reactivity:** No data available  
**Chemical Stability:** Stable under normal conditions.  
**Conditions to Avoid:** None known.  
**Incompatible Materials:** Strong oxidizing agents  
**Hazardous Polymerization:** Will not occur

## Section 11 Toxicity Data

**Routes of Entry:** Ingestion.  
**Symptoms (Acute):**  
**Delayed Effects:** No data available

| Acute Toxicity: | CAS Number | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------|------------|-----------|-------------|-----------------|
| Chemical Name   |            |           |             |                 |



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|        |   |      |   |
|--------|---|------|---|
| ACGIH  | American Conference of Governmental Industrial Hygienists             | NTP  | National Toxicology Program                   |
| CAS    | Chemical Abstract Service Number                                      | OSHA | Occupational Safety and Health Administration |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | PEL  | Permissible Exposure Limit                    |
| DOT    | U.S. Department of Transportation                                     | ppm  | Parts per million                             |
| IARC   | International Agency for Research on Cancer                           | RCRA | Resource Conservation and Recovery Act        |
| N/A    | Not Available   | SARA | Superfund Amendments and Reauthorization Act  |
|        |   | TLV  | Threshold Limit Value                         |
|        |   | TSCA | Toxic Substances Control Act                  |
|        |   | IDLH | Immediately dangerous to life and health      |