Cottonseed Oil

CAROLINA® www.carolina.com

Product Description

Product Name: Recommended Use: Synonyms: Distributor:

Section 1

Section 2

Cottonseed Oil Science education applications Cottonseed Oil Carolina Biological Supply Company 2700 York Road, Burlington, NC 27215 1-800-227-1150 800-227-1150 (8am-5pm (ET) M-F) 800-424-9300 (Transportation Spill Response 24 hours)

Chemical Information: Chemtrec:

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 Acute Toxicity Inhalation Gas Contains	100 % of the mixture consists of ingredient(s) of unknown toxicity 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

Chemical Name Cottonseed Oil <u>CAS #</u> 8001-29-4 <u>%</u> 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: Fire Fighting Methods and Protection: Fire and/or Explosion Hazards: Hazardous Combustion Products:	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. Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. Flammable. In use, may form flammable/explosive vapor-air mixture. Carbon dioxide, Carbon monoxide
Section 6	Spill or Leak Procedures

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:

Handling and Storage

Storage:

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. Keep container tightly closed in a cool, well-ventilated place. Green - general chemical storage

Storage Code:

Protection Information Section 8 ACGIH **OSHA PEL** Chemical Name (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. Eve 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.

Physical Data

Vapor Pressure: N/A

Evaporation Rate (BuAc=1): N/A

Solubility in Water: Practically Insoluble Log Pow (calculated): No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Vapor Density (Air=1): N/A

Viscosity: No data available

Percent Volatile by Volume: N/A

Specific Gravity: 0.918

Section 9

Formula: See Section 3 Molecular Weight: N/A Appearance: Pale yellow Liquid Odor: No data available Odor Threshold: No data available pH: No data available Melting Point: No data available Boiling Point: No data available Flash Point: No data available 252 - 321 C Flammable Limits in Air: N/A

Section 10

Reactivity: Chemical Stability: Conditions to Avoid: **Incompatible Materials:** Hazardous Polymerization:

No data available Stable under normal conditions.

Data

Reactivity Data

None known. Strong oxidizing agents Will not occur

Section 11

Routes of Entry Symptoms (Acute): **Delayed Effects:**

Ingestion. No data available

Acute Toxicity: **Chemical Name**

CAS Number

Toxicity

Oral LD50

Dermal LD50

Inhalation LC50

Cottonseed Oil		8001-29-4	Oral LD50 Ra 82620 mg/kg	t > Not detern	nined Not	t determined
Carcinogenicity: Chemical Name No data available		CAS Number 8001-29-4	IARC Not listed	NT Not listed	-	OSHA t listed
Chronic Effects: Mutagenicity: Teratogenicity: Sensitization: Reproductive: Target Organ Effects: Acute: Chronic:	No evidence of a mutagenic effect. No evidence of a teratogenic effect (birth defect). No evidence of a sensitization effect. No evidence of negative reproductive effects. See Section 2 Tests on laboratory animals indicate material may produce adverse mutagenic and reproductive effects.					
Section 12			cological D	ata		
Overview: Mobility: Persistence: Bioaccumulation: Degradability: Other Adverse Effects:	This materia No data No data No data No data No data	al is not expected to	be harmful to the	ecology. Keep out	of waterways.	
Chemical Name N/A		CAS Number 8001-29-4	Eco Toxicity			
Section 13		Dis	oosal Inforn	nation		
Disposal Methods: Waste Disposal Code(s	Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance. s): Not Determined					
Section 14		Tran	sport Infor	mation		
Ground - DOT Proper S N/A	hipping Name:			oper Shipping Nar for air transport by		
Section 15		Regi	latory Infor	mation		
TSCA Status:	All c	components in this	product are on the	TSCA Inventory.		
Chemical Name	CAS Number	§ 313 Nam	ne § 304 RQ	CERCLA RQ	§ 302 TPQ	CAA 112(2) TQ

Section 16

No data available

Additional Information

No

No

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Replaces: 09/03/2014

No

8001-29-4

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No

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary

No

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