## **Safety Data Sheet**

#### Corn Oil



Section 1 Product Description

Product Name: Corn Oil

**Recommended Use:** Science education applications **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:** 

Acute Toxicity Oral Contains

Acute Toxicity Dermal Contains

Acute Toxicity Inhalation Gas

100 % of the mixture consists of ingredient(s) of unknown toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity

Contains

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

**Contains** 

Acute Toxicity Inhalation Dust/Mist 100 % of the mixture consists of ingredient(s) of unknown toxicity

**Contains** 

Section 3 Composition / Information on Ingredients

 Chemical Name
 CAS #
 %

 Corn Oil
 8001-30-7
 100

Section 4 First Aid Measures

**Emergency and First Aid Procedures** 

**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.

**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5 Firefighting Procedures

Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained

breathing apparatus.

Fire and/or Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Section 6 Spill or Leak Procedures

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

Section 7 Handling and Storage

**Storage:** Keep container tightly closed in a cool, well-ventilated place.

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Storage Code: Green - general chemical storage

Section 8 **Protection Information** 

> **OSHA PEL ACGIH**

**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.

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

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: No information available

Section 9 **Physical Data** 

Formula: See Section 3 Vapor Pressure: No data available

**Molecular Weight:** Evaporation Rate (BuAc=1): No data available

Appearance: Orange to Yellow Liquid Odor: No data available

Odor Threshold: No data available

**pH**: 7-9

Melting Point: -14 C

Boiling Point: No data available

Flash Point: 254 C

Flammable Limits in Air: No data available

Vapor Density (Air=1): 1.037

Specific Gravity: 0.98

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

Autoignition Temperature: No data available 392 C **Decomposition Temperature:** No data available

Viscosity: No data available

Percent Volatile by Volume: No data available

Section 10 Reactivity Data

Reactivity: No data available

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** None known. **Incompatible Materials:** Oxidizing materials **Hazardous Polymerization:** Will not occur

Section 11 Toxicity Data

Symptoms (Acute): No data available **Delayed Effects:** No data available

**Acute Toxicity:** 

**Chemical Name CAS Number** Oral LD50 **Dermal LD50** Inhalation LC50 Corn Oil 8001-30-7 Oral LD50 Rat > Not determined Not determined

100 ml/kg

Carcinogenicity:

**Chemical Name CAS Number IARC** NTP **OSHA** No data available 8001-30-7 Not listed Not listed Not listed

**Chronic Effects:** 

Mutagenicity: No evidence of a mutagenic effect.

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**Teratogenicity:** No evidence of a teratogenic effect (birth defect).

**Sensitization:** No evidence of a sensitization effect. **Reproductive:** No evidence of negative reproductive effects.

**Target Organ Effects:** 

Acute: No data available
Chronic: No data available

Section 12

## **Ecological Data**

**Overview:** This material is not expected to be harmful to the ecology.

Mobility:No dataPersistence:No dataBioaccumulation:No dataDegradability:No dataOther Adverse Effects:No data

Chemical Name CAS Number Eco Toxicity

N/A 8001-30-7

**Section 13** 

## **Disposal Information**

**Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always

contact a permitted waste disposer (TSD) to assure compliance.

Waste Disposal Code(s): Not Determined

Section 14

## **Transport Information**

Ground - DOT Proper Shipping Name: Air - IATA Proper Shipping Name: Not regulated for transport by US DOT. Not regulated for air transport by IATA.

**Section 15** 

## Regulatory Information

**TSCA Status:** All components in this product are on the TSCA Inventory.

Chemical Name CAS § 313 Name § 304 RQ CERCLA RQ § 302 TPQ CAA 112(2)

Number TQ

No data available 8001-30-7 No No No No No No

**Section 16** 

#### **Additional Information**

Revised: 09/03/2014 Replaces: 08/26/2014 Printed: 09-12-2014

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** 

ACGIH American Conference of Governmental NTP National Toxicology Program

Industrial Hygienists OSHA 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

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