

Fisher Science Education  
6771 Silver Crest Road, Nazareth, PA 18064 (800) 955-1177  
Emergency Number: (800) 255-3924

## Material Safety Data Sheet

### Section 1 – Chemical Product and Company Identification

Catalog Numbers: S25263  
Product Identity: Coconut Oil

**Chemical Family:** Not Applicable  
**Synonyms:** Copra oil  
**Recommended Use:** Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331, (866) 632-1291  
Emergency Contact Number (24hr): Chemtel (800) 255-3924

**Issue Date:** 08/03/12  
**Revision Date:**

### Section 2 – Hazard Identification

#### **Emergency Overview**

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

**Appearance:** White to pale yellow liquid      **Odor:** Characteristic, bland, fatty oil

**Target Organs:** None known

#### **Potential Health Effects/ Routes of Exposure:**

**Eyes:** May cause mild irritation to sensitive individual.

**Skin:** May cause mild irritation to sensitive individual.

**Ingestion:** May cause gastrointestinal irritation.

**Inhalation:** May cause irritation to the respiratory tract.

**Chronic Effect / Carcinogenicity:** None known

**Aggravated Medical Conditions** Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

### Section 3 –Composition, Information on Ingredients

Coconut Oil, CAS# 8001-31-8

### Section 4 – First Aid

**Eyes:** Immediately flush eyes with water for at least 15 minutes. Get medical assistance if irritation develops.

**Skin:** Flush with water for 15 minutes. Get medical assistance if irritation develops.

**Ingestion:** DO NOT induce vomiting. Dilute with milk or water. Get medical assistance if discomfort develops.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Get medical assistance if irritation develops.

**Notes to Physician** Treat symptomatically.

### Section 5 – Fire Fighting Measures

**Flash Point:** No information available      **Autoignition Temperature** No information available  
**Explosion Limits Upper** No data available      **Lower** No data available  
**Extinguishing Media:** Use carbon dioxide, dry chemical, or foam  
**Unsuitable Extinguishing Media:** Do NOT use water  
**Fire & Explosion Hazards:** Not considered to be a fire or explosion hazard. During a fire irritating/toxic gases may be produced

**Fire Fighting Instructions / Equipment:** Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.

**Hazardous Combustion Products:** No information Available

**Sensitivity to mechanical impact** No information available.

**Sensitivity to static discharge** No information available.

**Specific Hazards Arising from the Chemical:** No information available

**NFPA Rating:** (estimated) Health: 0; Flammable: 1; Reactivity: 0

### Section 6 – Accidental Release Measures

**Personal Precautions** Use proper personal protective equipment. Avoid contact with skin, eyes and clothing. Provide ventilation. Remove all sources of ignition.

**Environmental Precautions** Should not enter environment

**Methods for Containment and Clean Up** Absorb and containerize for disposal. Avoid generating dust. Always obey local regulations.

### Section 7 – Handling and Storage

**Handling:** Wash hands after handling. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Use with adequate ventilation.

**Storage:** Keep away from ignition sources. Store in a cool, dry, well-ventilated area.

### Section 8 – Exposure Controls, Personal Protection

Coconut Oil, CAS# 8001-31-8, ACGIH TLV: NA, OSHA PEL: NA

**Engineering Measures/ General Hygiene:** Local/general exhaust is recommended. Ensure eyewash and safety showers are available.

**Personal Protection Equipment: Skin Protection:** Chemical resistant gloves.

**Eye/Face Protection:** Safety Glasses or goggles. **Respiratory Protection:** Normal ventilation is adequate.

### Section 9 – Physical and Chemical Properties

**Appearance/Physical State:** White to pale yellow liquid

**Odor:** Characteristic, bland, fatty oil

**% Volatility:** No Information Available

**Boiling Point:** >260°C / >500°F

**Specific Gravity:** 0.91-0.92

**Melting Point:** 23°C / 75°F

**Vapor Pressure:** No available

**Vapor Density:** Not available

**Flash Point:** Not Applicable

**Evaporation Rate:** Not available

**Coefficient of water/oil distribution:** Not Available

**pH:** Not available

**Odor Threshold:** Not Available

**Flammability:** No Information Available

**Decomposition Temperature:** Not available

**Solubility:** Insoluble  
available

**Partition Coefficient n-octanol/water:** No data

**Relative Density:** No Information Available

**Molecular Weight:** Not available

### Section 10 – Stability and Reactivity

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

**Conditions to Avoid:** high temperatures, ignition sources, heat, sparks, open flames.

**Incompatible Materials:** Strong oxidizers, acids, and bases

**Hazardous Decomposition Products:** Possible acrolein at high temperatures.

**Hazardous Polymerization:** Does not occur

**Hazardous Reactions:** None under normal processing.

## **Section 11 – Toxicological Information**

**Routes of Exposure/Symptoms/Corrosiveness** – See Section 2

LD50 orl-rat: NA

LC50 inhalation-rat: NA

**Irritation:** No Information Available

**Toxicologically Synergistic:** No Information Available

### **Chronic Exposure**

**Carcinogenicity** There are no known carcinogenic chemicals in this product

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Reproductive Effects** No Information available.

**Developmental Effects (Immediate/Delayed)** No information available.

**Teratogenicity** No information available.

**Other Adverse Effects** No information available.

**Endocrine Disruptor Information** No information available

## **Section 12 – Ecological Information**

**Ecotoxicity:** No information available

**Persistence and Degradability:** No Information Available

**Mobility:** No information available

**Bioaccumulation/ Accumulation:** No Information Available

## **Section 13 – Disposal Considerations**

**Waste Disposal/Waste Disposal of Packaging:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## **Section 14 – Transport Information**

**DOT – Not Regulated**

## **Section 15 – Regulatory Information (not meant to be all inclusive)**

**OSHA Status:** These chemicals are not considered hazardous by OSHA.

**Canada DSL:** These chemicals are on Canada's DSL list.

**TSCA:** The components of this solution are listed on the TSCA Inventory

**SARA Title III Section 313:** Not Applicable

**RCRA Status:** Not Applicable

**CERCLA Reportable Quantity:** None of these chemicals are listed

**WHMIS:** Not controlled

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

## **Section 16 – Additional Information**

**Disclaimer:** The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.