

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 12.18.2014

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## Peanut Oil

### SECTION 1: Identification of the substance/mixture and of the supplier

**Product name:** Peanut Oil

**Manufacturer/Supplier Trade name:**

**Manufacturer/Supplier Article number:** S25760

**Recommended uses of the product and restrictions on use:**

**Manufacturer Details:**

AquaPhoenix Scientific, Inc  
9 Barnhart Drive, Hanover, PA 17331  
(717) 632-1291

**Supplier Details:**

Fisher Science Education  
6771 Silver Crest Road, Nazareth, PA 18064  
(724)517-1954

**Emergency telephone number:**

Fisher Science Education Emergency Telephone No.: 800-535-5053

### SECTION 2: Hazards identification

**Classification of the substance or mixture:** None

**Hazard statements:** None

**Precautionary statements:**

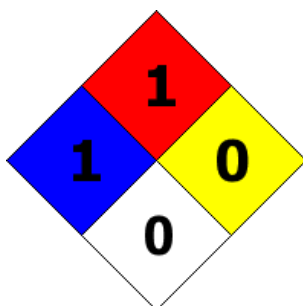
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.

**Other Non-GHS Classification:**

WHMIS

None

NFPA/HMIS



NFPA SCALE (0-4)

Health	0
Flammability	1
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

### SECTION 3: Composition/information on ingredients

**Ingredients:**

CAS 8002-03-7

Peanut Oil

100 %

Percentages are by weight

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#### SECTION 4: First aid measures

##### Description of first aid measures

###### After inhalation:

Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Move exposed individual to fresh air. Loosen clothing as necessary and position individual in a comfortable position. Seek medical advice if discomfort or irritation persists.

###### After skin contact:

Wash off with soap and plenty of water. Seek medical attention if irritation persists or if concerned.

###### After eye contact:

Rinse or flush exposed eye gently using water for 15-20 minutes. Protect unexposed eye. If able remove contact lenses while rinsing. Seek medical attention if irritation persists or if concerned.

###### After swallowing:

Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort, or vomiting persists.

##### Most important symptoms and effects, both acute and delayed:

Irritation. Nausea. Headache. Shortness of breath.

##### Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician.

#### SECTION 5: Firefighting measures

##### Extinguishing media

###### Suitable extinguishing agents:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

###### Unsuitable extinguishing agents: None

##### Special hazards arising from the substance or mixture:

Irritating and highly toxic gases may be generated by thermal decomposition. Combustion products may include carbon oxides or other toxic vapors.

##### Advice for firefighters:

###### Protective equipment:

Wear protective equipment according to the concentration and amount of the dangerous substance at the specific workplace. Wear protective gloves, protective clothing, and eye protection.

###### Additional information (precautions):

Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. Do not inhale gases, fumes, dust, mist, vapor, and aerosols. Move product containers away from fire or keep cool with water spray as a protective measure, where feasible.

#### SECTION 6: Accidental release measures

##### Personal precautions, protective equipment and emergency procedures:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Ensure adequate ventilation.

##### Environmental precautions:

Prevent from reaching drains, sewer or waterway. Collect contaminated soil for characterization per Section 13.

##### Methods and material for containment and cleaning up:

Absorb with a noncombustible absorbent material such as sand or earth and containerize for disposal. Fire

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Fighting Instructions: Use normal procedures. Use protective clothing. Use NIOSH approved breathing equipment. For extinguishing media use water spray, dry chemical, carbon dioxide, or appropriate foam. Collect liquids using vacuum or by use of absorbents. Place into properly labeled containers for recovery or disposal. If necessary use trained response staff or contractor.

Reference to other sections: None

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Wash hands after handling. Avoid contact with skin and eyes. Remove contaminated clothing and shoes. Do not inhale gases, fumes, dust, mist, vapor, and aerosols. Follow good hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.

#### Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, dry, and well-ventilated area. Keep container tightly sealed. Keep product and empty container away from heat and sources of ignition. Store with like hazards. Store away from food. Store away from incompatible materials.

### SECTION 8: Exposure controls/personal protection



#### Control Parameters:

No applicable occupational exposure limits.

#### Appropriate Engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use/handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Respiratory protection:

Ensure adequate ventilation. Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present. Use NIOSH approved breathing equipment.

#### Protection of skin:

Wear protective clothing. Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation.

#### Eye protection:

Safety Glasses or goggles. Safety glasses with side shields or goggles.

#### General hygienic measures:

Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. If in a laboratory setting follow Chemical Hygiene Plan. Remove contaminated clothing and shoes.

### SECTION 9: Physical and chemical properties

Appearance (physical state, color):	Clear yellow liquid	Explosion limit lower: Explosion limit upper:	Non Explosive Non Explosive
Odor:	Mild, pleasant odor.	Vapor pressure:	Not Available
Odor threshold:	Not Available	Vapor density:	Not Available
pH-value:	Not Available	Relative density:	Not Available
Melting/Freezing point:	-2°C	Solubilities:	Insoluble.

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<b>Boiling point/Boiling range:</b>	Not Available	<b>Partition coefficient (n-octanol/water):</b>	Not Available
<b>Flash point (closed cup):</b>	282°C	<b>Auto/Self-ignition temperature:</b>	445°C
<b>Evaporation rate:</b>	Not Available	<b>Decomposition temperature:</b>	Not Available
<b>Flammability (solid,gaseous):</b>	Not Available	<b>Viscosity:</b>	a. Kinematic: Not Available b. Dynamic: Not Available
<b>Density:</b> Not Available			

### SECTION 10: Stability and reactivity

**Reactivity:** None

**Chemical stability:**

No decomposition if used and stored according to specifications.

**Possible hazardous reactions:**

Will burn if exposed to flame. Combustible liquid and vapor.

**Conditions to avoid:**

Keep product and empty container away from heat and sources of ignition. Store away from oxidizing agents, strong acids or bases.

**Incompatible materials:**

Oxidizers.

**Hazardous decomposition products:**

Irritating and highly toxic gases may be generated by thermal decomposition. Carbon oxides (CO, CO<sub>2</sub>).

### SECTION 11: Toxicological information

<b>Acute Toxicity:</b> No additional information.	
<b>Chronic Toxicity:</b> No additional information.	
<b>Corrosion Irritation:</b> No additional information.	
<b>Sensitization:</b>	No additional information.
<b>Single Target Organ (STOT):</b>	No additional information.
<b>Numerical Measures:</b>	No additional information.
<b>Carcinogenicity:</b>	No additional information.
<b>Mutagenicity:</b>	No additional information.
<b>Reproductive Toxicity:</b>	No additional information.

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#### SECTION 12: Ecological information

**Ecotoxicity:** None

**Persistence and degradability:**

Readily degradable in the environment.

**Bioaccumulative potential:** None

**Mobility in soil:**

Aqueous solution has high mobility in soil.

**Other adverse effects:** None

#### SECTION 13: Disposal considerations

**Waste disposal recommendations:**

Consult federal, state, provincial, and local regulations regarding the proper disposal of waste material that may incorporate some amount of this product. Do not allow product to reach sewage system or open water. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Product or containers must not be disposed together with household garbage.

#### SECTION 14: Transport information

**UN-Number:** Not Regulated

**UN proper shipping name:** Not Regulated

**Transport hazard class(es):** None

**Packing group:**

**Environmental hazard:** None

**Transport in bulk:** Not Applicable

**Special precautions for user:** None

#### SECTION 15: Regulatory information

##### United States (USA)

**SARA Section 311/312 (Specific toxic chemical listings):**

None of the ingredients are listed.

**SARA Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

**RCRA (hazardous waste code):**

None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):**

None of the ingredients are listed.

**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):**

None of the ingredients are listed.

**Proposition 65 (California):**

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**Chemicals known to cause cancer:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**Canada****Canadian Domestic Substances List (DSL):**

All ingredients are listed.

**Canadian NPRI Ingredient Disclosure list (limit 0.1%):**

None of the ingredients are listed.

**Canadian NPRI Ingredient Disclosure list (limit 1%):**

None of the ingredients are listed.

**SECTION 16: Other information**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

**GHS Full Text Phrases:** None

**Abbreviations and Acronyms:**

IMDGIInternational Maritime Code for Dangerous Goods.  
PNECPredicted No-Effect Concentration (REACH).  
CFRCode of Federal Regulations (USA).  
SARASuperfund Amendments and Reauthorization Act (USA).  
RCRAResource Conservation and Recovery Act (USA).  
TSCAToxic Substances Control Act (USA).  
NPRINational Pollutant Release Inventory (Canada).  
DOTUS Department of Transportation.  
IATAInternational Air Transport Association.  
GHSGlobally Harmonized System of Classification and Labelling of Chemicals.  
ACGIHAMerican Conference of Governmental Industrial Hygienists.  
CASChemical Abstracts Service (division of the American Chemical Society).  
NFPANational Fire Protection Association (USA).  
HMISHazardous Materials Identification System (USA).  
WHMISWorkplace Hazardous Materials Information System (Canada).  
DNELDerived No-Effect Level (REACH).

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