

## 1. CHEMICAL PRODUCT IDENTIFICATION

Product name: Pumpkin Seed Oil  
Product code: 1304090662  
Chemical family: Triglycerides  
Recommended use: Foods and supplements

Supplier: Charkit Chemical Company, LLC.  
32 Haviland Street, Unit 1  
Norwalk, CT 06851  
203-299-3220

For Chemical Emergencies: Call Chemtrec: 1-800-424-9300  
International: 1-703-527-3887

## 2. HAZARD IDENTIFICATION

- 2.1 Environmental hazards: No known negative effects.
- 2.2 Human health hazards: Not to be expected if handled and used properly.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Mixture of triglycerides  
CAS No. 8016-49-7

## 4. FIRST AID MEASURES

- 4.1 Inhalation: Remove to fresh air. Seek medical attention if discomfort persists.
- 4.2 Skin contact: Wash with soap and water.
- 4.3 Eye contact: Rinse eyes with copious amounts of water.
- 4.4 Ingestion: Seek medical attention if a large amount of this material is ingested.

## 5. FIRE FIGHTING MEASURES

- 5.1 Flash point: >250° C
- 5.2 Extinguishing media:
  - 5.2.1 Suitable: Dry fire extinguisher/Carbon dioxide/AFFF (A Film Forming Foam).
  - 5.2.2 Unsuitable: Water
- 5.3 Unusual fire/explosion hazards: None
- 5.4 Hazardous thermal decomposition products: Acrid fumes may be formed.
- 5.5 Protection of fire fighters: Wear self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personnel precautions: The usual precautions for handling vegetable oil should be observed.
- 6.2 Environmental precautions: Dispose of waste according to local regulations.
- 6.3 Methods of cleaning up: Remove large spills for disposal. Cover and clean small spills with absorbent material (e.g. universal binding material/sand /siliceous earth). Wash contaminated areas with soapy water.

## 7. HANDLING AND STORAGE

- 7.1 Handling: Keep away from heat, sparks and flame. Avoid contact with eyes, and skin. Wear gloves and safety

glasses.

7.2 Storage: Keep in a cool, ventilated place. Avoid light and heat.

7.3 Suitable packaging materials: Food grade polyethylene/glass/food grade steel drums

7.4 Not suitable packaging materials: N/A

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Respiratory system protection: Not necessary under normal conditions.

8.2 Skin and body protection: Not necessary under normal conditions.

8.3 Hand protection: Wear rubber gloves.

8.4 Eye protection: Wear safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical state: Liquid

9.2 Color: Clear brown to red oil or yellow

9.3 Odor: Characteristic

9.4 Boiling point: >250°C (1 mm Hg)

9.5 Melting point: N/A

9.6 pH value: N/A

9.7 Solubility in water: Insoluble

9.8 Solubility in oil and solvents: Soluble in non-polar solvents, miscible with other oils

9.9 Vapor density (air=1): N/A

9.10 Flash point: >250°C

9.11 Auto-ignition temperature: >300°C

9.12 Lower explosion limit: N/A

9.13 Upper explosion limit: N/A

9.14 Viscosity (cP): N/A

## 10. STABILITY AND REACTIVITY

10.1 Stable under normal conditions.

10.2 Materials to avoid: Strong oxidizing agents.

10.3 Hazardous decomposition products: In case of thermal decomposition, acrid fumes may be formed.

10.4 Hazardous polymerization: Will not occur.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: No known toxic effect

a. Oral (LD50): N/A

b. Dermal (LD50): N/A

c. Inhalation (LC50): N/A

11.1 Skin irritation: N/A

11.2 Eye irritation: N/A

11.3 Sensitization: N/A

11.4 Chronic toxicity: N/A

11.5 Carcinogenicity: N/A

## 12. ECOLOGICAL INFORMATION

12.1 Comment: Biodegradable

12.2 Ecotoxicity: N/A

## 13. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal: According to local regulation (suitable for incineration).

## 14. TRANSPORT INFORMATION

14.1 Land/Sea/Air transport: Not restricted

**15. REGULATORY INFORMATION**

15.1 EC regulations:	N/A
15.2 EC classification:	N/A
15.3 Label name:	N/A
15.4 Hazard symbols:	N/A
15.5 Risk phrases:	None
15.6 Safely phrases:	None

**16. OTHER INFORMATION**

Abbreviation: N/A = Not applicable or not available

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