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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Sunflower Seed Carrier Oil
Product code	CO-SUNFL
Botanical name	Helianthus annuus
CAS #	8001-21-6
Product use	Domestic and Industrial
Supplier	WFMed
Address	8245 Backlick Rd Unit D, Lorton VA 22079 USA
Telephone number	888-WFMED-97 (888-936-3397)
Emergency phone number	888-WFMED-97 (888-936-3397)

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## 2. HAZARD(S) IDENTIFICATION

### GHS Hazard Classification

Not a hazardous substance or mixture.

### GHS Label Elements

Not a hazardous substance or mixture.

### Hazards Not Otherwise Classified (HNOC)

No data available.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Product Name</b>	<b>CAS NO</b>	<b>Concentration</b>
Palmitic Acid	57-10-3	5-8%
Stearic Acid	57-11-4	2-7%
Oleic Acid	112-80-1	15-40%
Linoleic Acid	60-33-3	40-74%

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## 4. FIRST-AID MEASURES

### Description of first aid measures

#### Eye Contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

#### Skin Contact

Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

**Inhalation**

Remove from exposure and move to fresh air. Get medical attention if symptoms appear.

**Ingestion**

Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly losing or is Convulsing.

**Most important symptoms and effects, both acute and delayed**

No additional information available.

**Indication of any immediate medical attention and special treatment needed**

No additional information available. Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature

**Specific hazards arising from the chemical**

Carbon Monoxide, Carbon Dioxide

**Special protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Further information**

No data available.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Remove any source of flame or sparks. If in a confined area, NIOSH-approved respiratory protections may be required. Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container.

**Environmental precautions**

Keep away from drains, surface and groundwater. Report spills to appropriate authorities if required.

**Methods and materials for containment and cleaning up****Methods for containment**

Contain and collect spillage with Non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

**Methods for cleaning up**

Follow federal, state, and local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

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## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before reuse.

## Conditions for safe storage, including any incompatibilities

### Storage conditions

Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light.

### Incompatible materials

None known based on information supplied.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory books.

### Exposure controls

#### Engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Eye/Face protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

Skin/Body protection: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory protection: In well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

#### General hygiene considerations

Acceptable industrial hygiene practices should be maintained.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Pale yellow to yellow liquid
Odor	Characteristic odor
Refractive Index	1.465 – 1.470
Specific Gravity	0.918-0.923
Flash point	>100°C(>212°F)
Solubility	Soluble in alcohol and oils. Insoluble in water.
Contents	Lauric, myristic, palmitic, palmitoleic, margaric, margaroleic, oleic, stearic, stearic, linoleic, linolenic, arachidic, eicosanic, behenic and erucic acids

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## 10 . STABILITY AND REACTIVITY

### Reactivity

Stable

### Chemical stability

Stable under recommended storage conditions.

**Possible hazardous reactions**

When heated to decomposition produces carbon dioxide and monoxide smoke.

**Conditions to avoid**

Avoid sparks, flame and other heat sources.

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition**

When heated to decomposition produces carbon dioxide and monoxide smoke

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## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects****Acute toxicity**

No data available.

**Skin corrosion/irritation**

Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene

**Serious eye damage/eye irritation**

May irritate eyes

**Respiratory or skin sensitisation**

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

**Persistence and degradability**

No data available.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

No data available.

**Other adverse effects**

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### **Waste treatment methods**

#### **Product**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

#### **Contaminated packaging**

Do not reuse container.

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## 14. TRANSPORT INFORMATION

#### **US DOT (Land)**

Not regulated.

#### **IMDG/IMO (Sea)**

Not regulated.

#### **IATA/ICAO (Air )**

Not regulated.

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## 15. REGULATORY INFORMATION

#### **SARA 311/312/313 Hazard Categories**

No data available.

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **EU Labeling**

Xn R22	Harmful if swallowed.
Xi R38	Irritating to skin
S36/37/38	Wear suitable protective clothing, gloves and eye/face protection.

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## 16. OTHER INFORMATION

Creation date: 12/30/2020

Revision date: 12/30/2020

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