



## Safety Data Sheet Sunflower Oil (V000540)

February 17, 2022

### Section 1: Chemical Product and Company Identification

**Product name:** Sunflower Oil  
**Contact Info:** Bramble Berry Inc.  
2138 Humboldt Street  
Bellingham, WA 98225  
info@brambleberry.com  
www.brambleberry.com  
1-877-627-7883

**Emergency Phone Number:**  
Within USA & Canada: 1.800.424.9300 CCN693143  
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

### Section 2: Hazards Identification

#### Description

**Appearance:** Clear very light to golden yellow

**Physical State:** Liquid

**Odor:** Slight Vegetable oil

#### Handling

If smoking occurs from oil usage, reduce or remove from heat.

Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing, even if laundered. Place soaked materials in a sealed, metal container to prevent this. If smoking occurs from oil usage, reduce or remove from heat.

This product is NOT classified as hazardous according to CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oil (in mist form) is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Occupational exposure limits are subsequently provided in section 8 of this SDS.

#### OSHA Hazards

No known OSHA hazards.

Not a dangerous substance according to GHS.

#### HMIS Classification

**Health:** 0

**Flammability:** 1



**Physical Hazard:** 0  
**NFPA Rating Health:** 0  
**Fire:** 1  
**Reactivity:** 0

#### **Potential Health Effects**

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.  
**Skin:** May be harmful if absorbed through skin. May cause skin irritation.  
**Eyes:** May cause eye irritation.  
**Ingestion:** Food ingredient. Not a hazardous substance.

### **Section 3: Composition/Information on Ingredients**

#### **Synonyms**

Sunflower Oil @100%  
CAS#8001-21-6

**GRAS status:** All ingredients are FDA GRAS.  
**Hazard status:** No ingredient are hazardous according to OSHA criteria.

### **Section 4: First Aid Measures**

**Inhalation:** Move to fresh air in case of accidental inhalation of vapors or decomposition products.  
**Skin contact:** Wash off with soap and plenty of water.  
**Eye contact:** Flush eyes with water or special eyewash solution.  
**If swallowed:** Ingestion of edible vegetable oil is nontoxic and should pass through the system.

### **Section 5: Fire-Fighting Measures**

**Conditions of flammability:** Materials may pose fire hazard.  
**Suitable extinguishing media:** Alcohol resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding area.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Specific hazards arising from the Chemical Oil:** Risk of ignition. Rags and other materials containing this product may heat up and spontaneously ignite if exposed to air, even if laundered.

Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray. Avoid hot oil; if smoking occurs during application reduce or remove from heat.

**Hazardous combustion products:** Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

**NFPA Health** 0



**NFPA Stability and Reactivity** 0

**NFPA Flammability** 1

**NFPA Physical Hazard** 0

## Section 6: Accidental Release Measures

**Personal Protection:** Avoid breathing vapors, mist or gas. Recommend exhaust fans over grills and deep frying.

**Environmental Precautions:** Prevent further leakage or spillage. Do not allow product to reach soil, sewage or any water sources. Dispose per local, state, and federal regulations.

**Methods and materials for containment and cleaning up:** Keep in suitable, closed containers for disposal. Dispose of rags used in clean up. Remember oil soaked rags or partially cleaned materials may spontaneously combust.

## Section 7: Handling and Storage

**Conditions for safe storage:** Ensure adequate dry, well ventilated storage area between 50 – 120F. Clean up any spillage to avoid accidents immediately.

**Combustible conditions:** Keep away from open flames, hot surfaces and sources of ignition.

## Section 8: Exposure Controls/Personal Protection

**Occupational exposure limit values:** Contains no substances with occupational exposure limited values.

**PPE:**

**Respiratory protection:** Respiratory protection not required. For nuisance exposures use type OV/AG or type ABEK respiratory cartridges.

**Hand protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (USA) and EN 166 (EU). Oil in eye must be flushed with water or special first aid eye wash continuously.

**Skin and Body protection:** Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Deep frying or grill operator must use nonabsorbent apron when dealing with hot oil.

**Hygiene measures:** Good industrial hygiene practices.



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## Section 9: Physical and Chemical Properties

**Form:** Clear, liquid  
**Color:** Light yellow  
**pH:** NA  
**Specific gravity:** @0.920 - 0.925 (H<sub>2</sub>O = 1)  
**Melt point/freezing point:**  
**Smoke point:** >410F  
**Flash point:** >600F  
**Ignition temperature:** >660F  
**Auto-ignition:** Not auto flammable  
**Lower explosion limit:** No data available  
**Upper explosion limit:** No data available  
**Vapor pressure:** <.1mm Hg at 300C  
**Boiling point:** No data available  
**Water solubility:** Insoluble  
**Partition coefficient:** No data available  
**Relative vapor:** No data available  
**Density:** No data available.  
**Odor/Flavor:** Slight bland odor  
**Odor threshold:** No data available  
**Evaporation rate:** <1 (butyl acetate = 1.0)

## Section 10: Stability and Reactivity

**Chemical stability:** Stable under recommended storage conditions (<120F).

**Cooking and frying temperature:** >440F, oil will smoke. Reduce or remove from heat.

**Possibility of hazardous reaction:** None known.

**Conditions to avoid:** None known.

**Materials to avoid:** Strong oxidizing agents.

**Hazardous decomposition products:** Formed under fire conditions – nature of decomposition not known.

**Other decomposition products** – no data available

Rags used for clean-up (clean or contaminated) can combust if conditions are adequate, even if laundered. Keep in safe place or dispose of rags after usage in an enclosed metal container.

## Section 11: Toxicological Information

**Acute toxicity**

**Oral:** LD50 no data available.

**Inhalation:** LC50 no data available.

**Dermal:** LD50 no data available.

**Skin corrosion:** No data available.



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**Serious eye damage:** No data available.

**Respiratory or skin sensitization:** No data available.

**Carcinogenicity IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by IARC.

**Carcinogenicity ACGHI:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by ACGIH.

**Carcinogenicity NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by NTP.

**Carcinogenicity OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by OSHA.

**Reproductive toxicity:** No data available.

**Teratogenicity:** No data available.

**Specific target organ toxicity:** No data available.

**Aspiration hazard:** No data available.

### Potential health effects

**Inhalation:** May be harmful if inhaled.

**Ingestion:** The material is a non hazardous food ingredient.

**Skin:** May be harmful if absorbed through skin.

**Eyes:** May cause eye irritation.

**Signs and symptoms of exposure:** No data available.

**Synergistic effects:** No data available.

**Additional information:** No data available.

## Section 12: Ecological Information

**Toxicity:** Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste treatment facilities.

**Persistence and degradability:** Readily biodegradable.

**Bio accumulative potential:** Not applicable.

**Mobility:** Oil is insoluble in water and will float in water.

**PBT and vPVB assessment:** No data available.

**Other adverse effects:** No data available.

## Section 13: Disposal Conditions

**Recycle:** Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.



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**Waste disposal methods:** Oil soaked materials may spontaneously combust, even if laundered and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers.

**Contaminated packaging:** Containers should be decontaminated and taken for local recycling, recovery or waste disposal facility. Follow local, state and federal guidelines.

### Section 14: Transport Information

**DOT (US), Canada (TDG), Mexico (MEX)** Not regulated; Not dangerous goods.

**IMDG** Not regulated; Not dangerous goods.

**ICAO** Not regulated; Not dangerous goods.

**IATA** Not regulated; Not dangerous goods.

### Section 15: Regulatory Information

**International Inventories:** The components of the product are reported in the following inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	AICS	ENCS ISHL	CHINA	PICCS	KECL	NZLoC
Sunflower		No	No		No		No	No			

**Legend:**

TSCA	Toxic Substances Control Act Section 8(b) Inventory
DSL	Domestic Substance List (Canada)
NDSL	Non-Domestic Substance List (Canada)
EINECS	European Inventory of existing commercial chemical substances
ELINCS	European List of Notified Chemical Substances
AICS	Australian Inventory of Chemical Substances
ENCS	Existing and new Chemical Substances (Japan)
ISHL	Industrial Health and Safety Law (Japan)
CHINA	Chinese Inventory of Existing Chemical Substances (China)
PICCS	Inventory of Chemicals and Chemical Substances ((Philippines)
KECL	Korean Existing and Evaluated Chemical Substances (Korea)
NZLoC	New Zealand Inventory of Chemicals (New Zealand)

USA	<b>OSHA Hazards</b> No known OSHA hazards <b>SARA 302 Components</b> SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. <b>SARA 313 Components</b>
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	<p>SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.</p> <p><b>SARA 311/312 Hazards</b> No SARA Hazards</p> <p><b>Massachusetts Right To Know Components</b> No components are subject to the Massachusetts Right to Know Act.</p> <p><b>Pennsylvania &amp; New Jersey Right To Know Components</b> Soybean oil extractives and their physically modified derivatives. Consists primarily of glycerides of the fatty acids linoleic, CAS-No. 8001-22-7 Revision Date 1989-08-11</p> <p><b>Clean Air Act, Section 112 Hazardous Air pollutants (HAPs) (see 40 CFR 61). Product is not known to contain HAPS.</b></p> <p><b>California Prop. 65 Components</b> This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other Reproductive harm.</p>
Canada	<p>Domestic transport regulations (Canada) WHMIS Product Classification Not a WHMIS controlled product. 15. REGULATORY INFORMATION WHMIS Ingredient Disclosure List IDL No known component is listed on the WHMIS ingredients disclosure list.</p> <p>(NPRI) Canadian National Pollutant Release Inventory No known component is listed on NPRI. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.</p>
Mexico	Mexico - Grade Slight risk, Grade 1



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## **Section 16: Other Information**

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.