SECTION 1: Identification

1.1 Product identifier

Product name: Safflower Oil
Substance name: SAFFLOWER OIL
CAS no.: 8001-23-8

1.3 Recommended use of the chemical and restrictions on use
No additional information available.

1.4 Supplier's details

Name: Bulk Apothecary
Address: 115 Lena Dr
Aurora OH 44202
United States

Telephone: 1-888-728-7612
email: sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253  International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.
SECTION 3: Composition/information on ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Substance name</th>
<th>SAFFLOWER OIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS no.</td>
<td>8001-23-8</td>
</tr>
<tr>
<td>Formula</td>
<td>Not available</td>
</tr>
<tr>
<td>Other names / synonyms</td>
<td>Safflower oil; Hydrogenated safflower seed oil; SAFFLOWER OIL</td>
</tr>
</tbody>
</table>

Hazardous components

1. SAFFLOWER OIL

<table>
<thead>
<tr>
<th>Concentration</th>
<th>100 % (weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS no.</td>
<td>8001-23-8</td>
</tr>
</tbody>
</table>

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice

Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible.

If inhaled

Remove from exposure and move to fresh air immediately. Get medical assistance.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with mild soap and water, followed by a warm water rinse. Consult a physician if needed.

In case of eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.

If swallowed

DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.

4.2 Most important symptoms/effects, acute and delayed

Symptoms of exposure to this compound include vomiting and skin irritation.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Dry Chemical, Carbon Dioxide, Foam. DO NOT USE WATER!
Safety Data Sheet
Safflower Oil

5.2 Specific hazards arising from the chemical
Irritating and toxic fumes may be produced at high temperatures. Use of water may result in the formation of a toxic aqueous solution. Do not allow run-off from firefighting to enter drains or water courses.

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting. Wear protective clothing and gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Surfaces may be slippery after spill. Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Emergency responders: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
If you should spill this chemical, FIRST REMOVE ALL SOURCES OF IGNITION, then use absorbent paper to pick up all liquid spill material. Your contaminated clothing and absorbent paper should be sealed in a vapor-tight plastic bag for eventual disposal. Solvent wash all contaminated surfaces with acetone followed by washing with a soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from strong oxidizers, direct sunlight, and ignition sources.

Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection
Safety Data Sheet
Safflower Oil

8.2 Appropriate engineering controls
Ensure Good Ventilation of the work station. Handle material in accordance with good industrial hygiene and safety practices. Avoid release into the environment.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms

Eye/face protection
Wear chemical goggles or safety glasses.

Skin protection
Wear protective gloves.

Body protection
Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Respiratory protection
Respiratory protection is normally not required in a well ventilated area. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

Thermal hazards
No data available

Environmental exposure controls
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, color, etc.)</td>
<td>Liquid; Translucent light yellow to yellow/goldenish</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic; Bland</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;550 °F (&gt;228 °C) Closed Cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;1 (Air = 1)</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.9211-0.9215 @ 25/25 C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
SECTION 10: Stability and reactivity

10.1 Reactivity
None under normal use conditions.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
None under normal use conditions.

10.4 Conditions to avoid
Strong oxidizing agents and alkalis

10.5 Incompatible materials
Strong oxidizing agents and alkalis

10.6 Hazardous decomposition products
On combustion may produce smoke, carbon monoxide, and carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
LD50 (Oral): N/A
LD50 (Dermal): N/A
LD50: N/A

Skin corrosion/irritation
May cause slight skin irritation.

Serious eye damage/irritation
May cause slight eye irritation

Respiratory or skin sensitization
May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity
No mutagenic effects.

Carcinogenicity
No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Reproductive toxicity
No toxicity to reproduction.
STOT-single exposure
No data available

STOT-repeated exposure
No data available

Aspiration hazard
May be harmful if swallowed and enters airways

SECTION 12: Ecological information

Toxicity
The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability
Biologically degradable without harmful residues.

Bioaccumulative potential
No additional information available.

Mobility in soil
No data available

SECTION 13: Disposal considerations

Disposal of the product
Dispose of contents/container in accordance with licensed collector’s sorting instructions as well as local, state, federal and/or international regulations.

Disposal of contaminated packaging
Dispose of as unused product, following federal, state, and local regulations.

Waste treatment
Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Sewage disposal
Avoid release into sewers or other public water ways.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods
15.1 Safety, health and environmental regulations specific for the product in question

**Toxic Substances Control Act (TSCA) Inventory**
Listed

**Canadian Domestic Substances List (DSL)**
Listed

**SARA 302 Components**
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**
No SARA hazards.

**SARA 311/312 Hazards**
No SARA hazards.

**California Prop. 65 Components**
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**HMIS Rating**

<table>
<thead>
<tr>
<th></th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAFFLOWER OIL</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>A</td>
</tr>
</tbody>
</table>

**NFPA Rating**

![NFPA Rating Diagram]

SECTION 16: Other information

SDS Version: 1.0
Revision Date: 12/17/2018

16.1 Further information/disclaimer

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