SECTION 1: Identification

1.1 Product identifier

Product name: Orange Sweet Oil
Brand: Bulk Apothecary
Substance name: Citrus sinensis (orange) fruit extract
CAS no.: 8028-48-6

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: (US) OSHA (29 CFR 1910.1200)
- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram

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Hazard statement(s)
H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction

Precautionary statement(s)
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, and lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands, forearms, and face thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P302+P352 IF ON SKIN: Wash with plenty of water
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321 Specific treatment (see supplemental first aid instructions on this label).
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, state, national and/or international regulations.

SECTION 3: Composition/information on ingredients

3.1 Substances
Substance name Citrus sinensis (orange) fruit extract
CAS no. 8028-48-6
Other names / synonyms Hydrolyzed citrus aurantium dulcis fruit extract; Citrus sinensis (orange) fruit extract; Orange Essential Oil

Hazardous components

1. Orange Sweet Oil
Concentration 100 % (weight)
CAS no. 8028-48-6

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures
General advice Consult a physician. Show this safety data sheet to the doctor in attendance.
Safety Data Sheet
Orange Sweet Oil

If inhaled
Remove from exposure and move to fresh air immediately. Get medical assistance if cough or other symptoms develop.

In case of skin contact
Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.

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. Obtain emergency medical attention.

4.2 Most important symptoms/effects, acute and delayed
Inhalation : May cause respiratory irritation
Skin Contact : May cause an allergic skin reaction.
Eye Contact : Serious eye irritation
Ingestion : May cause lung edema

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
Water Spray, Dry Powder, Foam, Carbon Dioxide.

5.2 Specific hazards arising from the chemical
Upon combustion may produce oxides of carbon, smoke, and fumes. Burning fumes may be acrid.

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.

Further information
Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
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
Should not be released into the environment. See Section 12 for additional ecological information.

6.3 Methods and materials for containment and cleaning up
Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site.
Safety Data Sheet
Orange Sweet Oil

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**
Ground/bond container and receiving equipment. Store locked up in full closed containers in a cool dry area away from heat, light, and sources of ignition.

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**

8.1 **Control parameters**

1. Orange Sweet Oil (CAS: 8028-48-6)
Not applicable

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**
Do not release into the environment.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

- **Appearance/form (physical state, color, etc.):** Liquid; Colorless, yellow-orange to orange.
- **Odor:** Characteristic sweet orange scent
- **Odor threshold:** No data available
- **Melting point/freezing point:** No data available
- **Initial boiling point and boiling range:** No data available
- **Flash point:** 43 °C
- **Evaporation rate:** No data available
- **Flammability (solid, gas):** No data available
- **Upper/lower flammability limits:** No data available
- **Upper/lower explosive limits:** No data available
- **Vapor pressure:** No data available
- **Vapor density:** No data available
- **Relative density:** 0.8428 (0.835 - 0.850)
- **Solubility(ies):** Insoluble
- **Partition coefficient: n-octanol/water:** 2.78 - 4.88 (QSAR; KOWWIN)
- **Auto-ignition temperature:** No data available
- **Decomposition temperature:** No data available
- **Viscosity:**
  - Kinematic: 1.17 mm²/s (20 °C)
  - Dynamic : 0.99 mPa.s (20 °C)
- **Explosive properties:** No data available
- **Oxidizing properties:** No data available

#### Other safety information

- **VOC content:** 96.6 %
- **Refractive index:** 1.473 (1.468 - 1.479)

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity
Flammable liquid and vapor

#### 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
Avoid contact with hot surfaces as well as heat, flames, sparks, and all sources of ignition.
10.5 Incompatible materials
No additional information available.

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 > 5000 mg/kg body weight
LD50 dermal > 5000 mg/kg body weight

**Skin corrosion/irritation**
Irritating to skin.

**Serious eye damage/irritation**
May cause slight eye irritation

**Respiratory or skin sensitization**
May cause an allergic skin reaction

**Germ cell mutagenicity**
Not Classified.

**Carcinogenicity**
Not Classified.

**Reproductive toxicity**
Not Classified.

**STOT-single exposure**
Not Classified.

**STOT-repeated exposure**
Not Classified.

**Aspiration hazard**
May be fatal if swallowed and enters airways.

**Additional information**
Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction.
Symptoms/effects after ingestion: Risk of lung edema

### SECTION 12: Ecological information

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

LC50 fish 1 702 μg/l (LC50; Equivalent or similar to OECD 203; 96 h; Pimephales promelas; Flow-through system; Fresh water; Read-across)
Safety Data Sheet
Orange Sweet Oil

EC50 Daphnia 1 0.67 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

Persistence and degradability
No data available on product

Bioaccumulative potential
BCF other aquatic organisms 1 32 - 395 (BCF; BCFWIN)
Log Pow 2.78 - 4.88 (QSAR; KOWWIN)

Mobility in soil
No data available

Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

Other adverse effects
Avoid release to the environment.

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. Flammable vapors may accumulate in the container.

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)
UN Number: 1266
Class: 3 - Flammable and combustible liquid 49 CFR 173.120
Packing Group: III - Minor Danger
Proper Shipping Name: Perfumery Products
Hazard labels (DOT) : 3 - Flammable liquid
Packaging Non Bulk (49 CFR 173.xxx) : 203
Packaging Bulk (49 CFR 173.xxx) : 242
Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T2 - 1.5 178.274(d)(2) Normal............
178.275(d (3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the
following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
Packaging Exceptions (49 CFR 173.xxx) : 150
Quantity Limitations Passenger aircraft/rail
(49 CFR 173.27): 60 L
DOT Quantity Limitations Cargo aircraft only (49CFR 175.75): 220 L
Vessel Stowage Location : A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.
Emergency Response Guide (ERG) Number : 127
Other information : No supplementary information available

**IMDG**
Transport document description: UN 1266 PERFUMERY PRODUCTS, 3, III
UN-No.: 1266
Proper Shipping Name (IMDG): PERFUMERY PRODUCTS
Class: 3 - Flammable liquids
Packing group: III - substances presenting low danger
Limited quantities: 5 L

**IATA**
Transport document description: UN 1266 Perfumery products, 3, III
UN-No.: 1266
Proper Shipping Name: Perfumery products
Class: 3 - Flammable Liquids
Packing group: III - Minor Danger

### SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

**Toxic Substances Control Act (TSCA) Inventory**
Not Listed

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

**California Prop. 65 Components**
WARNING! This product contains Myrcene, a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

**HMIS Rating**

<table>
<thead>
<tr>
<th>Citrus sinensis (orange) fruit extract</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
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**NFPA Rating**
**SECTION 16: Other information**

SDS Version: 1.0  
Revision Date: 12/06/2018

16.1 **Further information/disclaimer**

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