

Bulk

APOTHECARY

Safety Data Sheet Orange 5 fold Essential Oil

SECTION 1: Identification

1.1 Product identifier

Product name	Orange 5 fold Essential Oil
Product number	eo-289
Brand	Bulk Apothecary

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)

2.2 GHS label elements, including precautionary statements

Pictogram



Precautionary statement(s)

P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.

Safety Data Sheet

Orange 5 fold Essential Oil

P264	Wash ... thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use appropriate media to extinguish.
P362+P364	Take off contaminated clothing and wash it before reuse.
P402+P404	Store in a dry place. Store in a closed container.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Orange terpenes

Concentration	100 % (weight)
EC no.	232-433-8
CAS no.	68647-72-3

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- Skin corrosion/irritation, Cat. 2

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
H411	Toxic to aquatic life with long lasting effects

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
In case of skin contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.

Safety Data Sheet

Orange 5 fold Essential Oil

In case of eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
If swallowed	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

4.2 Most important symptoms/effects, acute and delayed

Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water spray, fog, CO₂, dry chemical, or alcohol resistant foam. Do not use a solid water stream as it may scatter and spread fire.

5.2 Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases.

5.3 Special protective actions for fire-fighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.

6.3 Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

The product is immiscible with water and will spread on the water surface.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Prevent product from entering drains. Do not allow material to contaminate ground water system. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Safety Data Sheet

Orange 5 fold Essential Oil

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Collect and dispose of spillage as indicated in section 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Orange oil (CAS: 8028-48-6)

TLV® (Inhalation): 30 ppm (ACGIH)

8.2 Appropriate engineering controls

Use explosion-proof ventilation equipment to stay below exposure limits.

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

Eye/face protection

Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection

Chemical resistant gloves.

Body protection

Use of an impervious apron is recommended.

Respiratory protection

Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Pale Yellow Liquid
Odor	Stong Citrus
Odor threshold	
pH	
Melting point/freezing point	

Safety Data Sheet

Orange 5 fold Essential Oil

Initial boiling point and boiling range	
Flash point	120.0 °F (48.9 °C)
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	1.2 mm Hg at 20 °C
Vapor density	
Relative density	
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as indicated.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Causes skin irritation. May cause an allergic skin reaction.

Serious eye damage/irritation

Direct contact with eyes may cause temporary irritation. Causes mild eye irritation.

Respiratory or skin sensitization

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Aspiration hazard

May be fatal if swallowed and enters airways.

Safety Data Sheet

Orange 5 fold Essential Oil

SECTION 12: Ecological information

Toxicity

Very toxic to aquatic life with long lasting effects.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport information

DOT (US)

UN Number: 2319

Class: 3

Packing Group: III

Proper Shipping Name: TERPENE HYDROCARBONS

Marine pollutant: Yes

IMDG

UN Number: 2319

Class: 3

Packing Group: III

Proper Shipping Name: TERPENE HYDROCARBONS

Marine pollutant: Yes

IATA

UN Number: 2319

Class: 3

Packing Group: III

Proper Shipping Name: TERPENE HYDROCARBONS

Marine pollutant: Yes

SECTION 15: Regulatory information

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

Safety Data Sheet

Orange 5 fold Essential Oil

California Prop. 65 Components

Orange terpenes -No

Pennsylvania Right To Know Components

Orange terpenes -Yes

New Jersey Right To Know Components

Orange terpenes -Yes

Massachusetts Right To Know Components

Orange terpenes -No

15.2 Chemical Safety Assessment

No data available.

SECTION 16: Other information

16.1 Further information/disclaimer

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