



Safety Data Sheet

Orange Certified Organic essential oil

SECTION 1: Identification

1.1 Product identifier

Product name	Orange Certified Organic essential oil
Product number	23-0033-000
Brand	Bulk Apothecary
Substance name	Citrus sinensis (orange) fruit extract
CAS no.	8008-57-9

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.	8008-57-9
Other names / synonyms	Hydrolyzed citrus aurantium dulcis fruit extract; Citrus sinensis (orange) fruit extract; Orange Essential Oil

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.
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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.

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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

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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
pH	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 availableNo 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	
Decomposition temperature	No data available
Viscosity	Kinematic: 1.17 mm ² /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.

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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)

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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

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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.

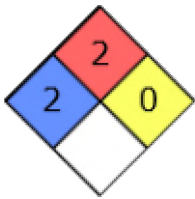
HMIS Rating

Citrus sinensis (orange) fruit extract	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

NFPA Rating

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SECTION 16: Other information

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

16.1 Further information/disclaimer

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