

合同会社フェニックス

FvniX LLC.

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: Sweet Orange Oil

CAS: 8008-57-9

Supplier: 合同会社フェニックス FvniX LLC.

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2– HAZARDS IDENTIFICATION

2.1 GHS Classification

Flammable liquids(Category 3), H226

Aspiration hazard(Category 1), H304


Skin corrosion/irritation(Category 2), H315

Skin sensitization(Category 1), H317

Hazardous to the aquatic environment, acute hazard(Category 2), H400

Hazardous to the aquatic environment, long-term hazard(Category 1), H410

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Danger
Hazard statement	H226 flammable liquid and vapour H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects
Prevention	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. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection.

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	<p>P203 Obtain, read and follow all safety instructions before use.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapors/spray.</p> <p>P264 Wash hands [and ...] thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P273 Avoid release to the environment.</p>
Response	<p>P302+P352 IF ON SKIN: wash with plenty of water/...</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].</p> <p>P321 Specific treatment (see on this label).</p> <p>P333+P317 If skin irritation or rash occurs: Get medical help.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use fire-fighting to extinguish.</p> <p>P301+P316 IF SWALLOWED: Get emergency medical help immediately.</p> <p>P331 Do NOT induce vomiting.</p> <p>P318 If exposed or concerned, get medical advice.</p> <p>P308+P316 IF exposed or concerned: Get emergency medical help immediately.</p> <p>P391 Collect spillage.</p>
Storage	<p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p>
Disposal	<p>P501 Dispose of contents/container to an approved waste disposal plant.</p>

2.3 Hazards not otherwise classified(HNOC) or not covered by GHS

No data available

3 – COMPOSITION

Component	CAS	Limonene content(%)
Sweet Orange Oil	8008-57-9	≥94%

4– FIRST AID MEASURES

GENERAL ADVICE: Move out of dangerous area. Show this safety data sheet to the doctor in attendance.

FIRST-AID MEASURES

INHALATION EXPOSURE: Normal inhalation is unlikely to produce adverse reactions. Use in well ventilated areas. In the event of adverse reactions. Remove to fresh air. Give oxygen and call a physician.

EYE CONTACT: Flush with water for 15 min without making eyes sore. Seek medical help if necessary.

SKIN CONTACT: Wash area with undiluted dishwashing liquid and flush with copious amounts of water. Seek medical help if necessary.

INGESTION: Flush from mouth with water or unsweetened milk. Administer water and call a physician or poison control center immediately. Do not induce vomiting.

5– FIREFIGHTING MEASURES

SUITABLE EXINGUISHING MEDIA: Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO₂), Water spray

UNSUITABLE EXINGUISHING MEDIA: High volume water jet

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SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: Do not allow run-off from fire fighting to enter drains or water courses.

ADVICE FOR FIREFIGHTERS: Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

Use a water spray to cool fully closed containers.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Remove all sources of ignition.

Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

METHODS AND MATERIALS FOR CLEANING UP

7 – HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Avoid formation of aerosol.

Smoking, eating and drinking should be prohibited in the application area.

Take precautionary measures against static discharges.

Provide sufficient air exchange and/or exhaust in work rooms.

Open drum carefully as content may be under pressure.

Dispose of rinse water in accordance with local and national regulations.

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION: Do not spray on a naked flame or any incandescent material.

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Keep away from open flames, hot surfaces and sources of ignition.

REQUIREMENTS FOR STORAGE AREAS AND CONTAINERS: No smoking.

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SAFE STORAGE: No decomposition if stored and applied as directed.

8 -PERSONAL PROTECTION

EXPOSURE CONTROLS

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Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Skin and body protection : impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Wash hands before breaks and at the end of workday

ENVIRONMENTAL CONTROLS

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Yellow to reddish yellow liquid

ODOR DESCRIPTION: Characteristic orange odour

BOILING POINT: Not applicable

SPECIFIC GRAVITY @ 25°C: 0.842~0.850

REFRACTIVE INDEX @ 20°C: 1.470~1.476

FLASH POINT: 43°C

10 - STABILITY AND REACTIVITY

Reactivity: no data available.

Stability: Stable under recommended storage conditions.

Incompatibility with various substances: no data available.

Corrosively: No information available.

Conditions to avoid: no data available.

Special Remarks on Corrosively: Not available.

Polymerization: Will not occur.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation. Moderately irritating to the eyes.

Inhalation: Irritating to respiratory system.

Ingestion: May affect behavior/central nervous system (somnia, ataxia).

Aspiration hazard: No information available.

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12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14 - TRANSPORTATION INFORMATION

UN-No: 2319

Proper Shipping Name: Terpene hydrocarbons, n.o.s. (Sweet orange oil)

Hazard Class: 3

Subsidiary Class: No information available

Packing group: III

Marine Pollutant: No data available

DOT RQ (lbs): No data available

15 - REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2015 Edition): Not included.

16 - OTHER INFORMATION

Updated date: 2025-12-31

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