

PRODUCT: TANGERINE OIL

Revision date: 03/13/2023

Version: 5

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1 Product identifier: TANGERINE-US-HB

Chemical name: Mandarin orange, oil (Citrus reticulata blanco)

CAS: 8008-31-9

EC Number: 284-521-0

Index No.:

REACH Registration number: N/A

1.2 Relevant identified uses of the substance or mixture: Industrial uses. Formulation [mixing] of preparations.

Uses advised against: Other uses than those recommended.

1.3 Details of the supplier of the safety datasheet:

Scent.vn Company Limited

Email: lienhe@scent.vn

Phone: 078.531.0501

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008.

Flammable liquids, Hazard Category 3; H226

Skin irritation, Hazard Category 2; H315 Sensitization — Skin, Hazard Category 1;

H317 Aspiration hazard, Hazard Category 1; H304

Hazardous to the aquatic environment — acute hazard, category acute 1; H400

Hazardous to the aquatic environment — long-term hazard, category chronic 1; H410.

2.2 Label elements

EC Number: 284-521-0 Mandarin orange, oil



Signal word: Danger

Hazard Statements:

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.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P501: Dispose of contents/container to an approved waste disposal plant.

2.3 Other hazards

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Concentration range of the constituent (% weight/weight)	EC Number / Registration Number	CAS	Chemicalname
Category #1*	100%	8008-31-9 / 84929-38-4	Tangerine, oil (Citrus reticulata blanco)

The chemical identity of any impurity, stabilizing additive, or individual constituent other than the main constituent:

Concentration (%)	CAS	EC Number	Chemical name	Hazard Class and Category Code; Hazard statement codes
>=50	138-86-3	205-341-0	Limonene	Flam. Liq. 3;H226-Skin Irrit. 2;H315-Skin Sens. 1;H317- Asp. Tox.1;H304-Aquatic Acute 1;H400- AquaticChronic 1;H410 [1]

Concentration (%)	CAS	EC Number	Chemical name	Hazard Class and Category Code; Hazard statement codes
>=1; <10	123-35-3	204-622-5	Myrcene	Flam. Liq. 3; H226-Skin Irrit. 2; H315- Eye Irrit.2;H319-
>=1; <10	80-56-8	201-291-9	Pinenes	Asp. Tox. 1; H304 [1] Flam. Liq. 3; H226-Skin Irrit. 2; H315-Skin Sens. 1B; H317- Asp. Tox. 1;H304-

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Consumption:	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Eye contact:	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

May produce an allergic reaction

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Recommended: Foam or dry powder.
For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture: Not applicable.

5.3 Advice for firefighters:

Closed containers may build up pressure at elevated temperatures.

Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from firefighting to enter drains or watercourses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition.

Wear appropriate gloves to prevent skin exposure.

Avoid contact with skin and inhalation of its vapors or smoke.

Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections:

See also sections 8 and 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 Specific end use(s): Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Declaration of substances is not required.

8.2 Exposure controls

Personal protection equipment:

Use personal protection equipment according to Directive 89/686/EEC.

Engineering Controls-Ventilation:

The areas where the product is handled and stored should be adequately ventilated.

Respiratory Protection:

Use personal breathing apparatus whenever deemed necessary.

Skin Protection:

Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Eye/Face protection:

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: HANDLING AND STORAGE

9.1 Information on basic physical and chemical properties

Appearance:

LIQUID

Color:

ORANGE

Odor:

CITRIC, FRESH

Density:

0.850 g/mL (20 °C)

Flash point:

49 °C

Additional information:

Not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not available.

10.2 Chemical stability: Stable under normal operating conditions.

10.3 Possibility of hazardous reactions:

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

10.4 Conditions to avoid: Heat, flames and other sources of ignition.

No special precautions other than good house keeping of chemicals.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxic ological effects

Declaration of substances is not required.

Acute toxicity	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Skin corrosion/irritation	This substance meets the criteria for classification in accordance with Regulation (EC)No 1272/2008.
Serious eye damage/irritation	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Respiratory or skin neutralization	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Carcinogenicity	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Reproductive toxicity	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
STOT-single exposure	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
STOT-repeated exposure	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Aspiration toxicity	This substance meets the criteria for classification in accordance with Regulation (EC)No 1272/2008.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Acute aquatic toxicity:** Not determined
- 12.2 Persistence and degradability:** Not available
- 12.3 Bioconcentration Factor:** Not determined
- 12.4 Mobility in soil:** Not available
- 12.5 Results of PBT and vPvB assessment:** Not determined
- 12.6 Other adverse effects:** Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Container disposal:	Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.
Disposal conditions	Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION

International Carriage of Dangerous Goods by Road (ADR)

UN No.:	UN1169
Proper Shipping Name:	EXTRACTS, AROMATIC, LIQUID
Packing Group:	III
Class:	3
Tunnel restriction code:	(D/E)
Label:	



Sea Transport(IMDG)

UN No.:	UN1169
Proper Shipping Name:	Extracts, aromatic, liquid (Limonene)
Packing Group:	III
Class:	3
Marine Pollutant:	Yes
Label:	



Air Transport(ICAO/IATA)

UN No.:	UN1169
Proper Shipping	Extracts, aromatic, liquid
Packing Group:	III
Class:	3
Label:	 



SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Not available

15.2 Chemical safety assessment:

Not available

SECTION 16: OTHER INFORMATION

Text of hazard statement codes in section 3 (impurities, stabilizing additives, constituents):

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.
H319:	Causes serious eye irritation.
H400:	Very toxic to aquatic life.
H410:	Very toxic to aquatic life with long lasting effects.

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. Regulation(EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation(EC) No 1907/2006.
2. Regulation(EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation(EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

3. OSHA (US) 29 CFR 1910.1200 and 49 CFR, modifying the Hazard Communication Standard and aligning it with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

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