

Sweet Orange Oil, USDA Certified Organic

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 23-Sep-2026
Supersedes: 24-Jan-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Sweet Orange Oil, USDA Certified Organic
Synonyms: No data available
INCI Name: Organic Citrus Sinensis (Orange) Peel Oil
CAS Number: 8008-57-9
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Regulation (EC) No 1272/2008

Flammable Liquids: Category - 3
Skin Corrosion/Irritation: Category - 2
Skin Sensitization: Category - 1B
Eye Irritation: Category - 2B
Aspiration Toxicity: Category - 1
GHS Labeling: WARNING

GHS Hazard Pictograms:



GHS Hazard Statements: Flammable liquid and vapor Harmful if swallowed.
May cause respiratory irritation.
May cause an allergic skin reaction.
May cause eye irritation.
Very toxic to aquatic life with long lasting effects.

GHS Precautionary Statements: No data available.
Potential Health Hazards: Eyes: May cause eye irritation. Seek medical attention if necessary.
Inhalation: May cause respiratory irritation. Seek medical attention if necessary.
Skin: May cause allergic skin reaction, however the undiluted material is not expected to be irritating to the skin under normal conditions or use. This product may degrease skin and cause irritation to sensitive individuals. Seek medical attention if necessary.
Ingestion: Flammable liquid and vapor. Harmful if swallowed. Seek medical attention.
Additional Hazards: Women who are pregnant or nursing should avoid contact with Orange Oil.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	3	Serious
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Organic Citrus Sinensis (Orange) Peel Oil	8008-57-9	100%	Not Available

4 FIRST AID MEASURES

Eyes: Remove any contact lenses; irrigate affected eyes with water or saline solution for at least ten minutes. Seek

Inhalation:	immediate medical attention. In the event of excessive inhalation, remove affected individual to fresh air and keep at rest. Seek immediate medical attention.
Skin:	In the event of accidental contact with the skin, remove any contaminated clothing or shoes. Wash affected areas with large amounts of soap and water. If irritation persists or any tissue damage is apparent, seek medical attention.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (CO2, foam or dry powder.) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	45°C / 115°F
Specific hazards arising from the chemical:	Sealed containers may build up pressure and release combustible materials to the fire. Cool containers with water if exposed to fire. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Provide adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Contain liquid spillage with inert powder, granular absorbent or earth/sand and remove to a disposal container. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Treat containers with respect to avoid damage. Allow adequate ventilation in use. Keep air contact to a minimum. Protect from fire. Do not ingest undiluted material. Observe good manufacturing practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in full, sealed containers in a cool, dry dark place. Avoid extremes of temperature. Do not freeze. Store separately from oxidizing agents. (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sweet Orange Oil, USDA Certified Organic	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes:	Safety glasses BS2092 should be worn.
Inhalation:	Minimize release of product to workplace atmosphere. Local exhaust ventilation is recommended. Must provide adequate ventilation.
Body:	Protective gloves made of rubber or neoprene. Suitable protective clothing should be worn including overalls with protection arms.
Other:	Exposure controls: When processing above the flashpoint temperature, the vapor is explosive when mixed with air. Such temperatures should be avoided. Avoid static discharge and all ignition sources. Used closed equipment, adequate ventilation, and explosion proof electrical equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	No data available
Odor:	Orange citrus	Vapor Density:	No data available
Odor Threshold:	No data available	G/ML (20 °C):	0.842 - 0.846
Color:	Yellow or Orange Color	Flammability:	Flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	45 °C / 115 °F
Boiling Point:	176 °C / 349 °F	Specific Gravity:	No data available
Melting Point:	No data available	Solubility:	Water: Soluble Oil: Non-soluble
Density at 20°C:	0.90 - 0.93 g/cm ³	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	No data available.
Auto-Flammability:	Non-auto flammable.
Explosive Properties:	Non explosive.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	None.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Respiratory:	No data available.
Ingestion:	No data available.
Carcinogenicity:	Not listed.
Teratogenicity:	No data available.
Calculated LD50:	Greater than 2g/kg.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.
Sensitization:	No data available.
Irritation:	No data available.
Repeated Dose Toxicity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity	This product is classified as a marine pollutant.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Biodegradable.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

Product Containers: There should be no product residues. Contaminated packaging can be burnt, or washed and recycled. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	UN/ID: 1169 Proper Shipping Name: Extracts, Aromatic, Liquid Hazard Class: 3 Packing Group: III Marine Pollutant: This material meets the definition of a marine pollutant. Environmental Hazard: Yes Special Provisions: None
ADR/RID (International Rail and Road Association):	UN/ID: 1169 Proper Shipping Name: Extracts, Aromatic, Liquid Hazard Class: 3 Packing Group: III Environmental Hazard: Yes Special Provisions: None
IATA (International Air Transport Association):	UN/ID: 1169 Proper Shipping Name: Extracts, Aromatic, Liquid Hazard Class: 3 Packing Group: III Environmental Hazard: Yes Special Provisions: None
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
DSCL (EEC):	No data available.
WHMIS (Canada):	No data available.
DSL (Canada):	No data available.
EU EINECS/ELINCS/NLP:	No data available.
China IECSC:	No data available.
China IECIC (06.30.2014):	No data available.
Australia AICS:	No data available.
Japanese MITI:	No data available.
Japan ENCS:	No data available.
Philippines PICCS:	No data available.
Korea KECL:	No data available.
New Zealand NZIoC:	No data available.

16 OTHER INFORMATION

Revision Date: 23-Sep-2026

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in

combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.