



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

Revision Date: 15-Jun-2026

Revision Number: 1

1. Identification

Product identifier

Product Name Mango Hibiscus Fragrance Oil

Other means of identification

Product Code(s) FO1289

Synonyms None

CAS No. Mixture

Recommended use of the chemical and restrictions on use

Recommended use Fragrance ingredient for use in cosmetic, personal care, household care, and home fragrance applications. Refer to the IFRA Certificate of Conformity for use category limits.

Restrictions on use For professional formulator use. Not for direct consumer application.

Details of the supplier of the safety data sheet

Supplier Essentials by Catalina, Inc.
12781 Temescal Canyon Rd.
Corona, CA 92883 USA
Tel: (951) 674-4444
Email: hello@essentialsbycatalina.com

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300 / International +1 703-527-3887

2. Hazard(s) Identification

Classification of the substance or mixture

Hazard Class	Category
Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Reproductive toxicity	Category 2

Hazards not otherwise classified (HNOC)

Not applicable.

Label elements



Signal word: Warning

Pictograms: Exclamation Mark (GHS07), Health Hazard (GHS08)

Hazard statements

Harmful if swallowed.

Causes serious eye irritation.

May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

Precautionary Statements — Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust, fume, gas, mist, vapors and spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

Precautionary Statements — Response

IF exposed or concerned: Get medical advice and attention. Specific treatment (see supplemental first aid instructions on this label).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.
IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice and attention. Take off contaminated clothing and wash it before reuse.
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Precautionary Statements — Storage

Store locked up.

Precautionary Statements — Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Unknown acute toxicity

3.46154% of the mixture consists of ingredient(s) of unknown acute oral toxicity.

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available.

Other Information

Causes mild skin irritation. Toxic to aquatic life with long lasting effects.

3. Composition / Information on Ingredients

Substance: Not applicable. **Mixture.**

Chemical name	CAS No.	Weight %	Trade secret
T DET O9 (octylphenol ethoxylate)	9002-93-1	40 - 50	*
Hexyl cinnamal	101-86-0	10 - 20	*
Benzyl salicylate FCC	118-58-1	5 - 10	*
Amyl cinnamic aldehyde	122-40-7	1 - 5	*
Geranyl acetate 98%	105-87-3	1 - 5	*
Linalyl acetate synthetic FCC	115-95-7	1 - 5	*
Linalool synthetic FCC	78-70-6	1 - 5	*
Cyclamen aldehyde extra	103-95-7	1 - 5	*
Butylphenyl methylpropional (Lilial)	80-54-6	1 - 5	*
Amyl salicylate (two peaks)	87-20-7	1 - 5	*
Citronellol prime	106-22-9	<1	*
Orange oil 5x (nat)	8028-48-6	<1	*
Geraniol 980	106-24-1	<1	*
Triplal (Polvertral / Trigustral / Carbo)	68039-49-6	<1	*
Heliotropine	120-57-0	<1	*
Allyl cyclo hexyl propionate	2705-87-5	<1	*
Aldehyde C-16 FCC	77-83-8	<1	*
Ylang ylang oil III natural	8006-81-3	<1	*
Damascone delta	57378-68-4	<1	*

Chemical name	CAS No.	Weight %	Trade secret
Damascenone kosher	23696-85-7	<1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid Measures

Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.
Self-protection of first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see Section 8).

Most important symptoms and effects, both acute and delayed

Symptoms	Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.
Effects of Exposure	May cause adverse reproductive effects — such as birth defect, miscarriages, or infertility.

Indication of any immediate medical attention and special treatment needed

Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
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5. Fire-fighting Measures

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	Product is or contains a sensitizer. May cause sensitization by skin contact.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Other information	Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear protective gloves, eye protection and face protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

8. Exposure Controls / Personal Protection

Control parameters

Exposure limits This product, as supplied, contains materials that do not have reportable occupational exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Biological occupational exposure limits This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Appropriate engineering controls

Engineering controls Showers; eyewash stations; ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection Use appropriate respiratory protection. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state No information available

Odor (includes odor threshold) Floral

VOC Content (%) 52.1364%

Property	Value
Melting point / freezing point	No data available
Boiling point (or initial boiling point or boiling range)	35 °C / 95 °F
Flammability (solid, gas)	No data available
Upper flammability limit	No data available
Lower flammability limit	No data available
Flash point	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
SADT (°C)	No data available
pH	No data available
pH (as aqueous solution)	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Solubility	No data available
Water solubility	No data available

Property	Value
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure (includes evaporation rate)	No data available
Evaporation rate	No data available
Density and/or relative density	No data available
Bulk density	No data available
Liquid density	No data available
Vapor density	No data available
Particle characteristics (size, distribution)	No data available

10. Stability and Reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological Information

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation (based on components). May cause redness, itching, and pain.
Skin contact	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons (based on components). Prolonged contact may cause redness and irritation. Causes mild skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed (based on components).

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.
Acute toxicity	Harmful if swallowed.

Numerical measures of toxicity

ATEmix (oral)	931.20 mg/kg
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Unknown acute toxicity

3.46154% of the mixture consists of ingredient(s) of unknown acute oral toxicity.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Classification based on data available for ingredients. Causes mild skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.
STOT - single exposure	No information available.

STOT - repeated exposure	No information available.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

12. Ecological Information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Aquatic ecotoxicity — Component Information

Chemical name	Fish	Crustacea	Algae/aquatic plants
Benzyl salicylate FCC (118-58-1)	LC50: 1.03 mg/L Danio rerio 96h semi-static	—	—
Linalyl acetate synthetic FCC (115-95-7)	LC50: 11 mg/L Cyprinus carpio 96h flow-through	—	—
Linalool synthetic FCC (78-70-6)	LC50: 27.8 mg/L Oncorhynchus mykiss 96h static	EC50: 20 mg/L Daphnia magna 48h	EC50: 88.3 mg/L Desmodesmus subspicatus 96h
Butylphenyl methylpropional / Lilial (80-54-6)	LC50: 2.2 - 4.6 mg/L Brachydanio rerio 96h static	EC50: 10.7 mg/L Daphnia magna 48h	—
Geraniol 980 (106-24-1)	LC50: 22 mg/L Danio rerio 96h static	—	—
Heliotropine (120-57-0)	LC50: 2.5 mg/L Cyprinus carpio 96h static	—	—
Allyl cyclo hexyl propionate (2705-87-5)	LC50: 0.13 mg/L Pimephales promelas 96h flow-through	—	—
Aldehyde C-16 FCC (77-83-8)	LC50: 4.2 mg/L Oncorhynchus mykiss 96h semi-static	—	—

Persistence and degradability No information available.

Bioaccumulative potential

Chemical name	Partition coefficient (log Kow)
Benzyl salicylate FCC (118-58-1)	4
Amyl cinnamic aldehyde (122-40-7)	2.498
Geranyl acetate 98% (105-87-3)	4.04
Linalyl acetate synthetic FCC (115-95-7)	3.9
Linalool synthetic FCC (78-70-6)	2.9
Cyclamen aldehyde extra (103-95-7)	3.4
Butylphenyl methylpropional / Lilial (80-54-6)	4.2
Amyl salicylate (two peaks) (87-20-7)	4.78
Citronellol prime (106-22-9)	3.41
Geraniol 980 (106-24-1)	2.6
Heliotropine (120-57-0)	1.2
Allyl cyclo hexyl propionate (2705-87-5)	4.28
Aldehyde C-16 FCC (77-83-8)	2.8

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal Considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. Transport Information

DOT (US)	Not regulated
DOT Marine Pollutant	NP
Marine Pollutant Technical Name	Octylphenol ethoxylate, hexyl cinnamal

International transport classification

Mode	UN Number	Proper Shipping Name	Hazard Class	Packing Group
TDG	UN3082	Environmentally hazardous substance, liquid, n.o.s.	9	III
MEX	UN3082	Environmentally hazardous substance, liquid, n.o.s.	9	III
ICAO (air)	UN3082	Environmentally hazardous substance, liquid, n.o.s.	9	III
IATA	UN3082	Environmentally hazardous substance, liquid, n.o.s.	9	III
IMDG	UN3082	Environmentally hazardous substance, liquid, n.o.s.	9	III
ADR	UN3082	Environmentally hazardous substance, liquid, n.o.s.	9	III

Description (all international modes)	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Octylphenol ethoxylate, hexyl cinnamal), 9, III
Environmental hazards	Yes
Special provisions	MEX: 274, 331, 335 · ICAO/IATA: A97, A158, A197 · IMDG: 274, 335 · ADR: 274, 335, 601, 375
IATA Emergency Response Guide Number	9L
IMDG EmS-No.	F-A, S-F
ADR Tunnel restriction code	(E)

15. Regulatory Information

International Regulations

Montreal Protocol	Not applicable
Stockholm Convention	Not applicable
Rotterdam Convention	Not applicable

International Inventories

Inventory	Description	Status
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	No data available
DSL/NDL	Canadian Domestic / Non-Domestic Substances List	No data available
EINECS/ELINCS	European Inventory	No data available
ENCS	Japan Existing and New Chemical Substances	No data available
IECSC	China Inventory of Existing Chemical Substances	No data available
KECL	Korean Existing and Evaluated Chemical Substances	No data available
PICCS	Philippines Inventory of Chemicals	No data available
AICS	Australian Inventory of Industrial Chemicals	No data available
NZIoC	New Zealand Inventory of Chemicals	No data available
TCSI	Taiwan Chemical Substance Inventory	No data available

US Federal Regulations

SARA 313	This product does not contain any chemicals which are subject to the reporting requirements of SARA Title III Section 313 (40 CFR 372).
SARA 311/312 Hazard Categories	Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.
CWA (Clean Water Act)	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CAA (Clean Air Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Air Act (CAA).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under CERCLA (40 CFR 302) or SARA (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Phenoxy ethyl isobutyrate (103-60-6)	X	—	X
Benzyl acetate (140-11-4)	X	—	—
Butylated hydroxy toluene (128-37-0)	X	X	X
Dipropylene glycol / DPG (25265-71-8)	—	—	X
Cis-3-hexenol (928-96-1)	—	—	X
Carbitol low gravity (111-90-0)	X	—	X
Methyl benzoate FCC (93-58-3)	X	—	—
Acetophenone (98-86-2)	X	X	X
Benzyl alcohol NF (100-51-6)	—	X	X
Alpha pinene (nat) (80-56-8)	X	X	X
Benzaldehyde (100-52-7)	X	X	X

U.S. EPA Pesticide

Not applicable

Registration Number**16. Other Information**

NFPA Hazard Rating	HMIS Hazard Rating
Health: 2 Flammability: 0 Instability: 0 Special hazards: —	Health: 2* Flammability: 0 Physical hazards: 0 Personal protection: —

* = Chronic Health Hazard

Key references and sources used to compile this SDS

Component-level data sourced from the original manufacturer (OnScent Inc., SDS S12-63386, revision dated 15-Jun-2026), supplemented by: U.S. Agency for Toxic Substances and Disease Registry (ATSDR); U.S. EPA ChemView Database; European Food Safety Authority (EFSA); U.S. EPA; U.S. EPA Acute Exposure Guideline Levels (AEGL); FIFRA; U.S. EPA High Production Volume Chemicals; U.S. Hazardous Substance Data Bank (HSDB); International Uniform Chemical Information Database (IUCLID); Japan NITE; Australia NICNAS; U.S. NIOSH; NLM ChemID Plus; NLM PubMed; U.S. NTP; New Zealand CCID; OECD Environment, Health, and Safety Publications; OECD HPV Chemicals Program; OECD SIDS; United Nations World Health Organization (WHO).

Abbreviations and acronyms used in this SDS

ACGIH: American Conference of Governmental Industrial Hygienists · ATE: Acute Toxicity Estimate · CAS: Chemical Abstracts Service · CMR: Carcinogen, Mutagen or Reproductive Toxicant · DOT: Department of Transportation (United States) · EmS: Emergency Schedule · EPA: U.S. Environmental Protection Agency · GHS: Globally Harmonized System · HMIS: Hazardous Materials Identification System · IARC: International Agency for Research on Cancer · IATA: International Air Transport Association · ICAO: International Civil Aviation Organization · IMDG: International Maritime Dangerous Goods · LC50/LD50: Lethal Concentration/Dose to 50% of test population · NFPA: National Fire Protection Association · NIOSH: National Institute for Occupational Safety and Health · n.o.s.: Not Otherwise Specified · OSHA: Occupational Safety and Health Administration · PBT: Persistent, Bioaccumulative and Toxic substance · PPE: Personal protective equipment · SARA: Superfund Amendments and Reauthorization Act · SDS: Safety Data Sheet · STEL: Short Term Exposure Limit · STOT: Specific target organ toxicity (SE: single exposure, RE: repeated exposure) · TSCA: Toxic Substances Control Act · TWA: Time-Weighted Average · UN: United Nations · VOC: Volatile organic compounds · vPvB: Very Persistent and Very Bioaccumulative.

Revision history

Revision Date 15-Jun-2026

Revision Number 1

Revision Notes

Initial issuance of EBC-branded SDS for this product, derived from manufacturer data.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet

12781 Temescal Canyon Rd. | Corona | CA 92883 | 951-674-4444 | hello@essentialsbycatalina.com