

# Safety Data Sheet

according to the Globally Harmonised System



Version: 2.0.0

Preparation Date: 29 September 2021

Revision Date: 29 September 2026

## 1. IDENTIFICATION OF SUBSTANCE

GHS Product Identifier	
Other Identifiers	Paradiso
Recommended Use +/- Restrictions	Fragrance compound, to be used according to IFRA guidelines, for manufacturing purposes only
Supplier Details	ZEN AROMA 22c Portside Drive Mt Maunganui, 3116 New Zealand
Telephone	+64 7 578 4755
Email	<a href="mailto:support@zenaroma.co.nz">support@zenaroma.co.nz</a>

## 2. HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

GHS Classification as per **Work Health & Safety Regulations (WHS) Australia (2021)**, **IFRA & IOFI Labelling Manual 2020 : Chemicals**, **UN GHS & Transport classifications**, **GHS revision 7 (2017)** and in some cases also information provided by raw material suppliers.

<b>Class and Category of Hazards</b>	Flammable liquids, Category 4 Acute toxicity, Category 4 Acute toxicity, Category 5 Acute toxicity, Category 5 Skin corrosion/irritation, Category 3 Skin sensitisation, Category 1 Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 2
<b>Label Elements</b>	
<b>Signal Word</b>	"Warning"
<b>Hazard Statements</b>	H227 Combustible liquid. H302 Harmful if swallowed. H333 May be harmful if inhaled. H313 May be harmful in contact with skin. H316 Causes mild skin irritation. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.



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<b>Precautionary Statements</b>	<b>Prevention</b> P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. <b>Response</b> P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. Rinse mouth. P302 + P352 + P312 IF ON SKIN: Wash with plenty of water. Call a POISON CENTRE/doctor if you feel unwell. P304 + P312 IF INHALED: Call a POISON CENTER/ doctor if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. P391 Collect spillage. <b>Storage</b> P403 Store in a well-ventilated place. <b>Disposal</b> P501 Dispose of contents/ container to an approved waste disposal plant.
<b>Hazard Pictograms</b>	  GHS07      GHS09
<b>Other Hazards</b>	No data available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a proprietary Mixture containing the following hazardous ingredients present above their GHS cut-off values/concentration limits, in descending order of content:

Chemical Name	CAS No.	Conc %
benzyl benzoate	120-51-4	≥ 20 - ≤ 25
benzyl 2-hydroxybenzoate	118-58-1	≥ 5 - < 10
2-propenyl hexanoate (= Allyl hexanoate)	123-68-2	≥ 5 - < 10

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2-hexyl-3-phenyl-2-propenal (trans & cis)	101-86-0	$\geq 2.5 - < 5$
Cyclopentaneacetic acid, 3-oxo-2-pentyl-, methyl ester	24851-98-7	$\geq 2.5 - < 5$
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	$\geq 1 - < 2.5$
ethyl 2,3-epoxy-3-phenylbutyrate	77-83-8	$\geq 1 - < 2.5$
3,7-dimethyl-1,6-octadien-3-yl acetate (= linalyl acetate)	115-95-7	$\geq 1 - < 2.5$
(R)-p-mentha-1,8-diene	5989-27-5	$\geq 1 - < 2.5$
2-propenyl 3-cyclohexylpropanoate (= allyl 3- cyclohexyl propionate)	2705-87-5	$\geq 1 - < 2.5$
3-(4-tert-butylphenyl)-2-methylpropanal	80-54-6	$\geq 1 - < 2.5$
2-butyl-4,4,6-trimethyl-1,3-dioxane	54546-26-8	$\geq 1 - < 2.5$
2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8- tetra-methylnaphthalene (main isomer)	54464-57-2	$\geq 0.25 - < 1$
2-propenyl heptanoate (= Allyl heptanoate)	142-19-8	$\geq 0.25 - < 1$
2H-1-benzopyran-2-one (=coumarin)	91-64-5	$\geq 0.25 - < 1$
2-propenyl 2(3)-methylbutoxyacetate	67634-00-8	$\geq 0.25 - < 1$
2-methyl-3-(4-isopropylphenyl)propanal	103-95-7	$\geq 0.25 - < 1$
3-(3,4-Methylene dioxyphenyl)-2- methylpropanal	1205-17-0	$\geq 0.25 - < 1$
Ethyl heptanoate	106-30-9	$\geq 0.25 - < 1$
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	$\geq 0.1 - < 0.25$
linalool	78-70-6	$\geq 0.1 - < 0.25$

## 4. FIRST AID MEASURES

<b>Inhalation</b>	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
<b>Skin Contact</b>	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
<b>Eye Contact</b>	Remove contact lenses. Immediately flush eyes for at least 15 minutes. Get medical attention.

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<b>Ingestion</b>	Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.
<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
<b>Indication of Immediate Medical Attention and Special Treatment Needed</b>	In case of accident or if you feel unwell, seek medical advice immediately and show this document. See above first aid measures for further information.

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Dry chemical Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Water spray
<b>Specific Hazards arising from the Substance or Mixture</b>	In case of fire, may be liberated: Carbon Monoxide, Unidentified Organic Compounds. Do not allow run off from fire-fighting to enter drains or water courses.
<b>Special Protective Actions for Fire-Fighters</b>	In the event of fire, wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment &amp; Emergency Procedures</b>	Avoid inhalation, contact with skin or eyes. See Section 8 for protective measures.
<b>Environmental Precautions</b>	Keep away from drains, surface and ground water, and soil
<b>Methods &amp; Material for Containment &amp; Cleaning Up</b>	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert power, or wipe up with absorbent material (e.g. cloth). Keep in suitable closed containers for disposal. Dispose off according to local regulations.

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## 7. HANDLING & STORAGE

<b>Precautions for Safe Handling</b>	Keep away from heat, sparks, open flames and hot surfaces - No Smoking. Use in areas with adequate ventilation. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Wash hands after use. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment, and wash hands before eating. Dispose off rinse water in accordance with local and national regulations.
<b>Conditions for Safe Storage including any Incompatibilities</b>	Store in tightly closed containers, in a cool, dry, well-ventilated place away from sources of heat, sparks, open flames and hot surfaces. Take precautionary measures against static discharge. Use in explosion-proof electrical, ventilation and lighting equipment. Use only non-sparking tools.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control Parameters</b>	
Exposure Control Measures	<b>TWA ppm    TWA mg/m3    STEL ppm    STEL mg/m3</b> Use in accordance with general industrial hygiene practice. Also, see Individual Protection Methods below for further information.
Biological Monitoring	No specific measures.
Control Banding	No specific measures.
Engineering Controls	Use only in well-ventilated, designated areas.
<b>Individual Protection Measures</b>	
Eye & Face Protection	Wear protective glasses/face protection.
Skin Protection	Wear protective gloves (and body suit if situation requires).

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Respiratory Protection	No personal respiratory protective equipment is normally required. However under conditions of high or prolonged use, or in areas of inadequate ventilation, high temperature or other conditions which increase exposure to personnel: a. Increase ventilation of the area with local exhaust ventilation. b. Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c. Use closed systems for transferring and processing this material.
Thermal Protection	No specific measures.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Basic Physical & Chemical Properties	
Appearance	Refer to specification document. May exhibit colour change in time.
Odour	Fruity, floral, woody
PH	Not Determined
Melting Point/Freezing Point	Not Determined
Initial Boiling Point & Boiling Range	Not Determined
Flashpoint (closed-cup degree C)	81 °C
Evaporation Rate	Not Determined
Flammability	Not Applicable
Upper/Lower Flammability/Explosive Limits	Not Determined
Vapour Pressure	0.1573 hPa at 20 °C Calculated (99.9 %)
Vapour Density	1,023.15 kg/m <sup>3</sup> at 20 °C
Relative Density @ 25 degree C	Refer to specification document.
Solubility in Water	Insoluble
Partition Coefficient	Not Applicable
Auto-ignition Temperature	Not Determined
Decomposition Temperature	Not Applicable

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Viscosity	Not Determined
Other Information	None Available

## 10. STABILITY & REACTIVITY

<b>Reactivity</b>	Presents no specific reactivity hazards, by itself or in contact with water.
<b>Chemical Stability</b>	Good stability under normal storage conditions. See Section 7 for storage conditions.
<b>Possibility of Hazardous Reactions</b>	Not expected under normal conditions of use. See Section 7 for safe handling conditions.
<b>Conditions to Avoid</b>	Avoid extreme heat. Heat, flames and sparks.
<b>Incompatible Materials</b>	Avoid contact with strong acids, alkalis or oxidising agents.
<b>Hazardous Decomposition Products</b>	Not expected.

## 11. TOXICOLOGICAL INFORMATION

This product is a Mixture and has not been tested as a whole for health effects. The toxicological health effects shown below are taken from the GHS classification criteria for the Mixtures overall hazardous class(es) and categor(ies) as listed in Section 2.

<b>Acute Toxicity</b>	<b>Oral</b> Acute toxicity estimate Dose: 994 mg/kg Method: Calculation method <b>Inhalation</b> Acute toxicity estimate Exposure time: 4 h Dose: 37.16 mg/l Method: Calculation method <b>Dermal</b> Acute toxicity estimate Dose: 3,849 mg/kg Method: Calculation method
<b>Skin Corrosion/Irritation</b>	May cause skin irritation and/or dermatitis.
<b>Serious Eye Damage/Irritation</b>	Vapours may cause irritation to the eyes, respiratory system and the skin.
<b>Respiratory or Skin Sensitisation</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.

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<b>Germ Cell Mutagenicity</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Carcinogenicity</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Reproductive Toxicity</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Specific Target Organ Toxicity (STOT) - Single Exposure</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Specific Target Organ Toxicity (STOT) - Repeated Exposure</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Aspiration Hazard</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Other Information</b>	No information available.

## 12. ECOLOGICAL INFORMATION

This product is a Mixture and has not been tested as a whole for ecological effects. The ecological effects shown below are taken from the GHS classification criteria for the Mixtures overall hazardous class(es) and categor(ies) as listed in Section 2. The ecological effects shown below result from the ADG classification of the Mixture.

<b>Ecotoxicity</b>	No ecological health effects. This Mixture does not meet the classification criteria for these effects.
Short-Term Acute	No information available.
Long-Term Chronic	No information available.
<b>Persistence &amp; Degradability</b>	No information available.
<b>Bioaccumulative Potential</b>	No information available.
<b>Mobility in Soil</b>	No information available.
<b>Other Adverse Effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

## 13. DISPOSAL CONSIDERATIONS



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<b>Disposal Methods</b>	<p>Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Refer to Section 8 for Personal Protection measures when handling.</p> <p><b>Product:</b> Offer surplus and non-recyclable solutions to a licensed disposal company.</p> <p><b>Container:</b> Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.</p>
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## 14. TRANSPORT INFORMATION

<b>UN Number</b>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran, Benzyl benzoate)
<b>Transport Hazard</b>	Class 9
<b>Packing Group</b>	III
<b>Environmental Hazards for Transport Purposes</b>	This is an Environmentally Hazardous Substance
<b>Special Precautions for User</b>	None additional
<b>Additional Information</b>	None additional
<b>Hazchem Emergency Action Code</b>	*3Z

## 15. REGULATORY INFORMATION

<b>Safety, Health &amp; Environmental Regulations</b>	
Ingredient Declaration	Proprietary Mixture
Legislative Status	Fragrance, Synthetic
INCI Name	Fragrance / Parfum

All materials and procedures used in the manufacture of the Mixture comply with the 49<sup>th</sup> amendment of the International Fragrance Association (IFRA) and the requirements set by the Research Institute of Fragrance Materials (RIFM).

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## 16. OTHER INFORMATION

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This SDS will be revised on the date shown above, or any time before that date as deemed necessary due to changes in regulations, additional information received or updated product specifications/details.

The information in this Safety Data Sheet was obtained from current and reputable sources and is correct to the best of our knowledge, information and belief at the date of its preparation. However, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

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.

Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Mombati.

### Regulatory Compliance & Product Safety, Fragrance & Beauty

This certificate is generated by calculation based on data for ingredients.

The data contained in this Safety Data Sheet is accurate to the best knowledge of Zen Aroma applies to the product as supplied by Zen Aroma and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Zen Aroma assume responsibility for use or reliance upon this data.

This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact [support@zenaroma.co.nz](mailto:support@zenaroma.co.nz)