

# Safety Data Sheet

Version: 2.0.0

Preparation Date: 20 May 2020

Revision Date: 20 May 2025



## 1. IDENTIFICATION OF PRODUCT

GHS Product Identifier	
Other Identifiers	Marshmallow Sandalwood
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	PH: 07 578 4755
Email	support@zenaroma.co.nz

## 2. HAZARD IDENTIFICATION

### Classification of the Substance or Mixture

GHS Classification as per **Work Health & Safety Regulations (WHS) Australia (2014)**, taking reference from **Safe Work Australia HCIS (Hazardous Chemical Information System), GHS revision 7 (2017)**.



<b>Class and Category of Hazards</b>	Eye Irritation – Category 2 Skin Sensitisation – Category 1
<b>Label Elements</b>	None
<b>Signal Word</b>	“Warning”
<b>Hazard Statements</b>	H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

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<b>Precautionary Statements</b>	<p>P261 Avoid breathing vapours. P280 Wear protective gloves &amp; clothing and eye/face protection. P264 Wash hands thoroughly after handling. P321 Specific treatment see Section 4 of this document, First Aid. P302 + 352 IF ON SKIN: Wash with plenty of soap and water. P362 + 364 Take off contaminated clothing and wash it before re-use. P272 Contaminated work clothing should not be allowed out of the workplace. P333 + 313 If skin irritation or rash occurs get medical advice. P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337 + 313 If eye irritation persists get medical advice. P501 Dispose of contents / container to approved disposal site in accordance with local regulations.</p>
<b>Pictograms (Hazard Symbols)</b>	<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"> GHS07</div><div style="text-align: center;"> GHS09</div></div>
<b>Other Hazards</b>	Hazardous to the Aquatic Environment (chronic) - Category 2

## 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 %
Geraniol	106-24-1	<10
Non-Hazardous Ingredients	-	>60

## 4. FIRST AID MEASURES

<b>Inhalation</b>	Move casually to fresh air and keep at rest.
<b>Skin Contact</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
<b>Eye Contact</b>	Flush eyes immediately with plenty of water. Remove any contact lenses. Keep eye open while rinsing.

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<b>Ingestion</b>	Clean and rinse mouth with water and drink plenty of water after. Do not give milk or alcoholic beverage. Do not induce vomiting. Never give anything by mouth to an unconscious person.
<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	May irritate eyes and skin or cause dermatitis. Prolonged breathing of vapours may cause dizziness, or anaesthetic effects.
<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>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<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

<p><b>Precautions for Safe Handling</b></p>	<p>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.</p>
<p><b>Conditions for Safe Storage including any Incompatibilities</b></p>	<p>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.</p>

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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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	Targeted. As per sample.
PH	Not Determined
Melting Point/Freezing Point	Not Determined
Initial Boiling Point & Boiling Range	Not Determined
Flashpoint (closed-cup degree C)	>93 °C
Evaporation Rate	Not Determined
Flammability	Non-Flammable
Upper/Lower Flammability/Explosive Limits	Not Determined
Vapour Pressure	Not Determined
Vapour Density	Not Determined
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
Viscosity	Not Determined

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Other Information	None Available
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## 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.
<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>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Skin Corrosion/Irritation</b>	No toxicological health effects. This mixture does not meet the GHS classification criteria for these health effects.
<b>Serious Eye Damage/Irritation</b>	Causes serious eye damage.
<b>Respiratory or Skin Sensitisation</b>	May cause an allergic skin reaction.
<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.

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<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>	Toxic to aquatic life with long lasting 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>	None additional

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	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.  <b>Product:</b> Offer surplus and non-recyclable solutions to a licensed disposal company.  <b>Container:</b> Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.
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## 14. TRANSPORT INFORMATION

<b>UN Number</b>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Galaxolide)

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<b>Transport Hazard</b>	Environmentally Hazardous Substance (aquatic environment) 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 48<sup>th</sup> amendment of the International Fragrance Association (IFRA) and the requirements set by the Research Institute of Fragrance Materials (RIFM).

## 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 SDS 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.