

# Safety Data Sheet



## 1. Identification

**Product Code:** 8097  
**Product Name:** SANDAL  
**Recommended Use:** Fragrance for Microdifusers **Validation Date:** 7/6/2017  
**Supplied by:** AromaQuest Systems,LLC. **Supersedes Date:** New SDS  
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**Reason for revision:** Not Applicable: First Issue  
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## 2. Hazards Identification

### GHS Classification

Acute Tox. 4 Oral, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1

### Symbol(s) of Product



### Signal Word

Warning

### Possible Hazards

24% of the mixture consists of ingredients of unknown acute toxicity

### GHS Hazard Statements

Acute Toxicity, Oral, category 4	H302	Harmful if swallowed.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

### GHS Label Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing.

**GHS Additional Information**

H371	Contains one or more Category 2 Specific Organ Toxicants at greater than 1.0%. A Safety Data Sheet shall be available for the mixture upon request.
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**GHS SDS Precautionary Statements**

P270	Do not eat, drink or smoke when using this product.
P363	Wash contaminated clothing before reuse.

**3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Benzyl benzoate	120-51-4	10-20	GHS07	H302
HEXYL CINNAMAL	101-86-0	1-4	GHS07	H317
OTNE	54464-57-2	1-4	GHS07	H315-317
2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-	28219-61-6	1-4	GHS07	H319
Vanillin	121-33-5	1-4	GHS07	H302-319
Benzyl salicylate	118-58-1	1-4	GHS07-GHS08	H317-320-371
Lyral	31906-04-4	1-4	GHS07	H317
.alpha.-ISOMETHYL IONONE	1335-46-2	1.4	GHS07	H315-317-320
Coumarin	91-64-5	0.4-1	GHS07	H317
Ethanone, 1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)-, [3R-(3.alpha.,3a.beta.,7.beta.,8a.alpha.)]-	32388-55-9	0.4-1	GHS07	H317
3,7-Dimethyl-1,6-octadien-3-ol	78-70-6	0.4-1	GHS07	H227-315-319
Oxacyclohexadecan-2-one	106-02-5	0.4-1	GHS07	H317
Dipropylene Glycol Methyl Ether Acetate	88917-22-0	15-55	GHS07	H227-315-319
Ethanol	64-17-5	3-10	GHS02-GHS07	H225-302-319

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**4. First-aid Measures**

**First Aid - Inhalation:** Remove to fresh air and seek medical assistance if necessary.

**First Aid - Skin Contact:** Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.

**First Aid - Eye Contact:** Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.

**First Aid - Ingestion:** Rinse mouth. Do not induce vomiting. Drink water. Consult a physician.

**5. Fire-fighting Measures**

**Unusual Fire and Explosion Hazards:** None known.

**Special Firefighting Procedures:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Suitable Extinguishing Media:** Water spray/mist, Foam, Carbon Dioxide (CO<sub>2</sub>), and Dry Chemical. Water may be used to cool off containers.

**Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

**6. Accidental Release Measures**

**Precautionary Measures:** Ensure adequate ventilation. Use personal protective equipment. Evacuate personnel to safe areas.

Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Avoid breathing vapors, mist or gas. For personal protection see section 8.

**Environmental Measures:** Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

**Methods and Materials for Containment and Cleaning Up:** Contain material. Collect using solid absorbent material and place into appropriate waste container for disposal according to local regulations (See section 13). Keep in suitable, closed containers for disposal.

## 7. Handling and Storage

**Handling:** For industrial use only. Use with adequate ventilation. Keep away from heat and flame.

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure Controls/Personal Protection

**Respiratory Protection:** Proper ventilation, engineering controls, such as local exhaust ventilation, and if necessary, a NIOSH certified respirator with appropriate cartridges is highly recommended.

**Skin Protection:** Chemical resistant gloves recommended.

**Eye Protection:** Wear safety glasses with side shields or goggles.

**Hygienic Practices:** Always observe good personal hygiene measures, such as washing your hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Clear liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Conforms to Standard	<b>Odor Threshold:</b>	Not Established
<b>Specific Gravity (typical):</b>	1.03	<b>pH:</b>	Not Measured
<b>Freeze Point, °C:</b>	Not Applicable	<b>Viscosity:</b>	Not Measured
<b>Solubility in Water:</b>	INSOLUBLE	<b>Partition Coefficient, n-octanol/ water:</b>	Not Measured
<b>Decomposition temperature, °C</b>	Not Measured		
<b>Initial Boiling Point, °C:</b>	66	<b>Explosive Limits, %:</b>	Not Measured
		<b>Flash Point, °C / °F (Closed Cup):</b>	82 / 180
<b>Evaporation Rate:</b>	Not Measured	<b>Auto-Ignition Temperature, °C</b>	Not Measured
<b>Vapor Density:</b>	Not Measured	<b>Vapor Pressure, mmHg:</b>	Not Measured

## 10. Stability and Reactivity

**Stability:** Material is stable under normal conditions.

**Reactivity:** The product is non-reactive under normal conditions of use, storage, and transport

**Conditions to Avoid:** Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Incompatibility:** Keep away from strong oxidizing agents, heat and open flames.

**Hazardous Decomposition Products:** When heated, may produce unpleasant fumes and/or smoke. Combustion may produce Carbon Monoxide and/or Carbon Dioxide.

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

## 11. Toxicological Information

**Effect of Overexposure - Inhalation:** No adverse effects due to inhalation are expected under normal use.

**Effect of Overexposure - Skin Contact:** Not expected to cause skin problems under normal use conditions.

**Effect of Overexposure - Eye Contact:** Not expected to cause eye problems under normal use conditions.

**Effect of Overexposure - Ingestion:** Under normal use conditions, this product is not expected to cause adverse health effects.

**Carcinogenicity:** No Information

**Primary Route(s) of Entry:** Inhalation

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
120-51-4	Benzyl benzoate	500 mg/kg Rat	4000 mg/kg Rabbit	N.I.
1222-05-5	HHCB	>5000 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
101-86-0	HEXYL CINNAMAL	2450 mg/kg Rat	>3000 mg/kg Rabbit	N.I.
121-33-5	Vanillin	1580 mg/kg Rat	>5010 mg/kg Rabbit	N.I.
118-58-1	Benzyl salicylate	2227 mg/kg Rat	14150 mg/kg Rabbit	N.I.
91-64-5	Coumarin	>5000 mg/kg Rat	>2000 mg/kg Rat	N.I.
140-11-4	Phenylmethyl acetate	2490 mg/kg Rat	>5000 mg/kg Rabbit	N.I.

N.I. = No Information

## 12. Ecological Information

**Ecological Information:** Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

## 13. Disposal Information

**Disposal Method:** Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with material or used container. Dispose of material in accordance with applicable federal, state and local regulations.

## 14. Transport Information

Regulatory Information	UN / NA Number:	Proper Shipping Name:	Class:	Packing Group:	Label	Additional Info
PHMSA / DOT	N/A	N/A	N/A	N/A	N/A	N/A
ICAC / IATA	N/A	N/A	N/A	N/A	N/A	N/A
IMO / IMDG	N/A	N/A	N/A	N/A	N/A	N/A
CANUTEC / TDG	N/A	N/A	N/A	N/A	N/A	N/A
ADR / RID	N/A	N/A	N/A	N/A	N/A	N/A

## 15. Regulatory Information

VOC Regulations: This product complies with the Volatile Organic Compounds (VOC) limits of the United States Environmental Protection Agency (EPA) Federal Rules for institutional and consumer products, the California Air Resources Board (CARB) and other states adopting the OTC rules for VOC.

## 16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H227	Combustible liquid
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation

H371

May cause damage to organs. classified Category 2 evidence from animal studies suggest harmful . Cell death, adverse change in biochemistry, haematology or urinalysis parameters, Central or peripheral nervous system and effects senses. Multifocal or diffuse necrosis, fibrosis or granuloma formation in organs.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. AromaQuest and its Affiliates shall not be held liable for any damage resulting from the handling or from contact with the above product.