

# SAFETY DATA SHEET

AIR WICK® Scented Oil - Island Coconut & Warm Sands



## Section 1. Identification

**Product name** AIR WICK® Scented Oil - Island Coconut & Warm Sands  
**Product type** Liquid.

### Other means of identification

**SDS no.** : D8408340  
**Formulation #** : 3301665

### Relevant identified uses of the substance or mixture and uses advised against

Air care, continuous action (solid and liquid), Consumer use

**Manufacturer** : Reckitt Benckiser  
Summit de Baja California S.A. de C.V.  
Andador Vecinal No. 12821, Int. 494,  
Módulo A, B, C y D. Carretera Tijuana Tecate Parque Industrial  
Valle Bonito.  
Tijuana, Baja California, México. CP 22250  
+52 664 252 3854

**Supplier** : To be filled by local business.

**Emergency telephone number (with hours of operation)** : Emergency telephone number (with hours of operation)

## Section 2. Hazards identification

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 4  
SKIN CORROSION/IRRITATION - Category 3  
SKIN SENSITISATION - Category 1  
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 2  
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Combustible liquid.  
Causes mild skin irritation.  
May cause an allergic skin reaction.  
Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

**Date of issue/Date of revision** : 29/04/2024 **Date of previous issue** : No previous validation **Version** : 1 1/14

## Section 2. Hazards identification

### Precautionary statements

- General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.
- Prevention** : Not applicable.
- Response** : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. 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/attention.
- Storage** : Not applicable.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

- CAS number** : Not applicable.
- EC number** : Mixture.

Ingredient name	%	CAS number
Pentanedioic acid, 1,5-dimethyl ester	≥25 - ≤50	1119-40-0
Dimethyl adipate	≥10 - ≤25	627-93-0
4-tert-Butylcyclohexyl acetate	≤5	32210-23-4
Dihydromyrcenol	≤3.3	18479-58-8
d-Limonene	≤2.6	5989-27-5
3,7-Dimethyl-1,6-nonadien-3-ol	≤2.2	10339-55-6
Ethyl methylphenylglycidate	≤3	77-83-8
2-tert-Butylcyclohexyl acetate	≤3	88-41-5
Tetrahydrolinalool	≤1.8	78-69-3
p-Methoxybenzaldehyde	≤3	123-11-5
Citral	≤1	5392-40-5
Coumarin	≤3	91-64-5
2-Methyl-3-(p-isopropylphenyl)propionaldehyde	≤1	103-95-7
l-Cyclocitronellene formate	≤2.3	25225-08-5
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	≤1.1	63500-71-0

### Section 3. Composition/information on ingredients

Allyl hexanoate	<1	123-68-2
Allyl cyclohexanepropionate	<1	2705-87-5
cis-3-Hexenyl salicylate	<1	65405-77-8
Allyl heptanoate	<1	142-19-8
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	≤0.3	54464-57-2
alpha-Hexylcinnamaldehyde	≤0.3	101-86-0
alpha-Cedrene	≤0.075	469-61-4

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes mild skin irritation. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

## Section 4. First aid measures

- Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
 irritation  
 redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Combustible liquid. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and material for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Citral	<b>ACGIH TLV (United States, 1/2022). Absorbed through skin. Skin sensitiser.</b> TWA: 5 ppm 8 hours. Form: Inhalable fraction and vapor

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### Skin protection

**Hand protection** : Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

<b>Physical state</b>	: Liquid.
<b>Colour</b>	: Colourless to light yellow.
<b>Odour</b>	: Fragrant.
<b>Odour threshold</b>	: Not available.
<b>pH</b>	: Not available.
<b>Melting point/freezing point</b>	: Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	: >40°C (>104°F)
<b>Flash point</b>	: Closed cup: 73°C (163.4°F)
<b>Evaporation rate</b>	: Not available.
<b>Flammability</b>	: Not available.
<b>Lower and upper explosion limit/flammability limit</b>	: Not available.
<b>Vapour pressure</b>	: 0.067 kPa (0.5 mm Hg)
<b>Relative vapour density</b>	: Not available.
<b>Relative density</b>	: 0.999 to 1.009
<b>Density</b>	: 0.999 to 1.009 g/cm <sup>3</sup> [25°C (77°F)]
<b>Solubility(ies)</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.
<b>Particle characteristics</b>	
<b>Median particle size</b>	: Not applicable.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

## Section 10. Stability and reactivity

**Incompatible materials** : Reactive or incompatible with the following materials:  
oxidising materials

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Pentanedioic acid, 1,5-dimethyl ester	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Dimethyl adipate	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	11300 mg/kg	-
4-tert-Butylcyclohexyl acetate	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3550 mg/kg	-
Dihydromyrcenol	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3600 mg/kg	-
d-Limonene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-
3,7-Dimethyl-1,6-nonadien-3-ol	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	5 g/kg	-
Ethyl methylphenylglycidate	LD50 Oral	Rat	5470 mg/kg	-
	LD50 Oral	Rat	5470 mg/kg	-
	LD50 Dermal	Rabbit	>5000 mg/kg	-
Tetrahydrolinalool	LD50 Oral	Rat	4600 mg/kg	-
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
p-Methoxybenzaldehyde	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	1510 mg/kg	-
Citral	LD50 Dermal	Rabbit	2250 mg/kg	-
	LD50 Oral	Rat	3.45 g/kg	-
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	LD50 Dermal	Rat	>5 g/kg	-
	LD50 Oral	Rat	3810 mg/kg	-
Allyl hexanoate	LD50 Dermal	Rabbit	300 mg/kg	-
	LD50 Oral	Rat	218 mg/kg	-
Allyl cyclohexanepropionate	LD50 Oral	Rat	585 mg/kg	-
	LD50 Dermal	Rabbit	>5 g/kg	-
cis-3-Hexenyl salicylate	LD50 Oral	Rat	5 g/kg	-
	LD50 Dermal	Rabbit	810 mg/kg	-
Allyl heptanoate	LD50 Dermal	Rabbit	810 mg/kg	-
	LD50 Oral	Rat	500 mg/kg	-
alpha-Hexylcinnamaldehyde	LD50 Dermal	Rabbit	3100 mg/kg	-
	LD50 Oral	Rat	3100 mg/kg	-

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### Irritation/Corrosion



## Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
Pentanedioic acid, 1,5-dimethyl ester Dimethyl adipate 4-tert-Butylcyclohexyl acetate	Eyes - Moderate irritant	Rabbit	-	0.1 MI	-
	Eyes - Moderate irritant	Rabbit	-	0.1 MI	-
	Skin - Mild irritant	Guinea pig	-	4 hours 3 %	-
	Skin - Moderate irritant	Rabbit	-	4 hours 100 %	-
Dihydromyrcenol	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Mild irritant	Rabbit	-	7.5 %	-
	Skin - Mild irritant	Rabbit	-	4 hours 0.5 MI	-
d-Limonene	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 10 %	-
3,7-Dimethyl-1,6-nonadien- 3-ol	Eyes - Mild irritant	Rabbit	-	0.05 %	-
	Eyes - Moderate irritant	Rabbit	-	0.1 MI	-
	Skin - Mild irritant	Rabbit	-	24 hours 0.05 %	-
	Skin - Moderate irritant	Rabbit	-	5 %	-
	Skin - Moderate irritant	Rabbit	-	4 hours 0.5 MI	-
	Skin - Moderate irritant	Rabbit	-	10 g	-
Tetrahydrolinalool	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	0.1 MI	-
Citral	Skin - Mild irritant	Human	-	24 hours 40 mg	-
	Skin - Moderate irritant	Guinea pig	-	48 hours 1 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Severe irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Man	-	48 hours 16 mg	-
	Skin - Severe irritant	Pig	-	48 hours 50 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	Eyes - Mild irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Human	-	48 hours 15 mg	-
Allyl hexanoate	Skin - Mild irritant	Human	-	48 hours 20 mg	-
cis-3-Hexenyl salicylate	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
alpha-Hexylcinnamaldehyde	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Severe irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-

## Section 11. Toxicological information

alpha-Cedrene	Skin - Moderate irritant	Rabbit	-	mg 24 hours 500 mg	-
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### Conclusion/Summary

- : Causes mild skin irritation. Calculation method
- : Based on available data, the classification criteria are not met.
- : Based on available data, the classification criteria are not met.

### Sensitisation

Not available.

### Conclusion/Summary

- Skin** : May cause an allergic skin reaction. Calculation method
- Respiratory** : Based on available data, the classification criteria are not met.

### Mutagenicity

Not available.

- Conclusion/Summary** : Based on available data, the classification criteria are not met.

### Carcinogenicity

Not available.

Based on available data, the classification criteria are not met.

### Reproductive toxicity

Not available.

- Conclusion/Summary** : Based on available data, the classification criteria are not met.

### Teratogenicity

Not available.

- Conclusion/Summary** : Based on available data, the classification criteria are not met.

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Dihydromyrcenol	Category 3	-	Narcotic effects

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Name	Result
d-Limonene	ASPIRATION HAZARD - Category 1
alpha-Cedrene	ASPIRATION HAZARD - Category 1

**Information on likely routes of exposure** : Not available.

### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes mild skin irritation. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

## Section 11. Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
 irritation  
 redness
- Ingestion** : No specific data.

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

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

- Conclusion/Summary** : Based on available data, the classification criteria are not met.
- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
FIL,AWICK,MAUI LE US GROGU_FF3301665_D8408340_UN	14511	213614.4	N/A	N/A	N/A
Pentanedioic acid, 1,5-dimethyl ester	N/A	N/A	N/A	N/A	100
Dimethyl adipate	11300	N/A	N/A	N/A	N/A
4-tert-Butylcyclohexyl acetate	3550	N/A	N/A	N/A	N/A
Dihydromyrcenol	3600	N/A	N/A	N/A	N/A
d-Limonene	4400	N/A	N/A	N/A	N/A
3,7-Dimethyl-1,6-nonadien-3-ol	5000	N/A	N/A	N/A	N/A
Ethyl methylphenylglycidate	5470	N/A	N/A	N/A	N/A
2-tert-Butylcyclohexyl acetate	4600	N/A	N/A	N/A	N/A
p-Methoxybenzaldehyde	2500	N/A	N/A	N/A	N/A
Citral	3450	2250	N/A	N/A	N/A
Coumarin	500	N/A	N/A	N/A	N/A
2-Methyl-3-(p-isopropylphenyl)propionaldehyde	3810	N/A	N/A	N/A	N/A
Allyl hexanoate	218	300	N/A	3	N/A

## Section 11. Toxicological information

Allyl cyclohexanepropionate	585	1100	N/A	N/A	N/A
cis-3-Hexenyl salicylate	5000	N/A	N/A	N/A	N/A
Allyl heptanoate	100	810	N/A	N/A	N/A
alpha-Hexylcinnamaldehyde	3100	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
d-Limonene	Acute EC50 421 µg/l Fresh water Acute EC50 688 µg/l Fresh water	Daphnia - Daphnia magna Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 96 hours
Coumarin	Acute LC50 13500 µg/l Fresh water Acute LC50 56000 µg/l Fresh water	Daphnia - Daphnia magna Fish - Poecilia reticulata	48 hours 96 hours
alpha-Cedrene	Acute EC50 44 µg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours

**Conclusion/Summary** : Acute: Toxic to aquatic life. Calculation method, Chronic: Harmful to aquatic life with long lasting effects. Calculation method

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Pentanedioic acid, 1,5-dimethyl ester	0.49	-	low
Dimethyl adipate	1.03	-	low
4-tert-Butylcyclohexyl acetate	4.8	-	high
Dihydromyrcenol	3.25	-	low
d-Limonene	4.38	-	high
Tetrahydrolinalool	3.3	99.87	low
p-Methoxybenzaldehyde	1.76	-	low
Citral	2.76	89.72	low
Coumarin	1.39	-	low
2-Isobutyl-	1.65	-	low
4-methyltetrahydro-2H-pyran-4-ol	-	-	-
Allyl hexanoate	-	102.3	low
Allyl cyclohexanepropionate	-	861	high
Allyl heptanoate	3.97	123.4	low

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	UN	IMDG	IATA
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class(es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

**Safety, health and environmental regulations specific for the product** :

### International lists

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Section 15. Regulatory information

### [Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

### [UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

### [National inventory](#)

<a href="#">Australia</a>	: All components are listed or exempted.
<a href="#">Canada</a>	: All components are listed or exempted.
<a href="#">China</a>	: All components are listed or exempted.
<a href="#">Eurasian Economic Union</a>	: <b>Russian Federation inventory</b> : All components are listed or exempted.
<a href="#">Japan</a>	: <b>Japan inventory (CSCL)</b> : Not determined. <b>Japan inventory (ISHL)</b> : Not determined.
<a href="#">Malaysia</a>	: Not determined
<a href="#">New Zealand</a>	: Not determined.
<a href="#">Philippines</a>	: All components are listed or exempted.
<a href="#">Republic of Korea</a>	: Not determined.
<a href="#">Taiwan</a>	: All components are listed or exempted.
<a href="#">United States</a>	: Not determined.

## Section 16. Other information

### [History](#)

<a href="#">Date of printing</a>	: 03/05/2024
<a href="#">Date of issue/Date of revision</a>	: 29/04/2024
<a href="#">Date of previous issue</a>	: No previous validation
<a href="#">Version</a>	: 1

<a href="#">Key to abbreviations</a>	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
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<a href="#">References</a>	: Not available.
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✔ Indicates information that has changed from previously issued version.

### [Notice to reader](#)

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.