

SAFETY DATA SHEET

Air Wick Scented Oil - Lavender & Chamomile



HEALTH • HYGIENE • HOME

1. Product and company identification

- Product name** : Air Wick Scented Oil - Lavender & Chamomile
- Distributed by** : Reckitt Benckiser LLC.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
+1 973 404 2600
- Reckitt Benckiser (Canada) Inc.
1680 Tech Avenue, Unit #2
Mississauga, Ontario L4W 5S9
CANADA
Telephone: +1 905 283 7000
- Emergency telephone number (Medical)** : 1-800-338-6167
- Emergency telephone number (Transport)** : 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside U.S. and Canada (North America), call Chemtrec:703-527-3887
- Website:** : <http://www.rbnainfo.com>

Product use : Air care, continuous action (solid and liquid)

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

- SDS #** : D8379098 V1.0
- Formulation #** : 3157806 V1.0

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

Identified uses

Air care products
Consumer uses

2. Hazards identification

- Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 4
SKIN IRRITATION - Category 2
EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1

GHS label elements

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2. Hazards identification

Hazard pictograms :



Signal word : Warning

Hazard statements : Combustible liquid.
Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction.

Precautionary statements

General : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention : Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces. - No smoking. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response : IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical 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 attention.

Storage : Store in a well-ventilated place. Keep cool.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements : None known.

Hazards not otherwise classified : None known.

3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	CAS number
Linalyl acetate	≥10 - ≤30	115-95-7
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	30 - 60	100-79-8
Linalool	≥5 - ≤10	78-70-6
Dihydromyrcenol	1 - 5	18479-58-8
Benzyl salicylate	1 - 5	118-58-1
Isopropyl myristate	1 - 5	110-27-0
Methyl ionone (mixture of isomers)	1 - 5	1335-46-2
Eucalyptol	0.1 - 1	470-82-6
alpha-iso-Methylionone	0.01 - 0.1	127-51-5
Coumarin	0.1 - 1	91-64-5
d-Limonene	0.1 - 1	5989-27-5
dl-Citronellol	0.1 - 1	106-22-9
4-tert-Butylcyclohexyl acetate	0.1 - 1	32210-23-4
Eugenol	0.1 - 1	97-53-0
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	0.01 - 0.1	68039-49-6
Allyl cyclohexanepropionate	0.01 - 0.1	2705-87-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.

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. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- 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.

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4. First aid measures

See toxicological information (Section 11)

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, 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.

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.

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 flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized 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).

Methods and materials 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 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

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6. Accidental release measures

same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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 vapor or mist. 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.
- 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 oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

8. Exposure controls/personal protection

Control

Occupational exposure limits

Ingredient name	Exposure limits
d-Limonene	AIHA WEEL (United States, 5/2018). TWA: 30 ppm 8 hours.

- 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, vapor 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.

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8. Exposure controls/personal protection

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.
- 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.

9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : purple to Dark purple
- Odor** : Floral, aromatic
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: 78°C (172.4°F) [Grabner miniflash closed cup]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : 0,1724 hPa at 20 °C Calculated (99,9 %)
- Vapor density** : Not available.
- Relative density** : 989,21 kg/m³ at 20 °C
- Solubility** : Insoluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.

Aerosol product

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10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- Incompatible materials** : Reactive or incompatible with the following materials:
oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Linalyl acetate	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	13934 mg/kg	-
Linalool	LD50 Dermal	Rabbit	5610 mg/kg	-
	LD50 Dermal	Rat	5610 mg/kg	-
	LD50 Oral	Rat	2790 mg/kg	-
Dihydromyrcenol	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3600 mg/kg	-
Benzyl salicylate	LD50 Oral	Rat	2227 mg/kg	-
Isopropyl myristate	LD50 Dermal	Rabbit	5 g/kg	-
Methyl ionone (mixture of isomers)	LD50 Dermal	Rabbit	>5000 mg/kg	-
Eucalyptol	LD50 Oral	Rat	>5000 mg/kg	-
	LD50 Oral	Rat	2480 mg/kg	-
alpha-iso-Methylionone	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Coumarin	LD50 Oral	Rat	293 mg/kg	-
d-Limonene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-
dl-Citronellol	LD50 Dermal	Rabbit	2650 mg/kg	-
	LD50 Oral	Rat	3450 mg/kg	-
4-tert-Butylcyclohexyl acetate	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3550 mg/kg	-
Eugenol	LD50 Oral	Rat	1930 mg/kg	-
Allyl cyclohexanepropionate	LD50 Oral	Rat	585 mg/kg	-

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Linalyl acetate	Skin - Moderate irritant	Guinea pig	-	24 hours 100 milligrams	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 milligrams	-
Linalool	Eyes - Moderate irritant	Rabbit	-	1 hours 0.1 Milliliters	-
	Eyes - Moderate irritant	Rabbit	-	100 microliters	-
	Skin - Moderate irritant	Guinea pig	-	24 hours 100	-

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11. Toxicological information

Dihydromyrcenol	Skin - Mild irritant	Human	-	milligrams	-
				72 hours 32	
				Percent	
	Skin - Mild irritant	Man	-	48 hours 16	-
				milligrams	
				24 hours 500	-
Isopropyl myristate	Skin - Mild irritant	Rabbit	-	milligrams	-
	Skin - Severe irritant	Rabbit	-	24 hours 100	-
				milligrams	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
	Eyes - Mild irritant	Rabbit	-	milligrams	-
	Skin - Mild irritant	Rabbit	-	7.5 Percent	-
d-Limonene	Skin - Moderate irritant	Guinea pig	-	4 hours 0.5	-
				Milliliters	
	Skin - Mild irritant	Human	-	24 hours 100	-
				milligrams	
	Skin - Mild irritant	Rat	-	72 hours 85	-
				Intermittent	
dl-Citronellol	Skin - Mild irritant	Rabbit	-	24 hours 100	-
				milligrams	
	Skin - Severe irritant	Rabbit	-	24 hours 426	-
				milligrams	
	Skin - Severe irritant	Rabbit	-	24 hours 100	-
				milligrams	
4-tert-Butylcyclohexyl acetate	Skin - Mild irritant	Rabbit	-	24 hours 10	-
				Percent	
	Eyes - Moderate irritant	Rabbit	-	0.42 Percent	-
	Skin - Severe irritant	Guinea pig	-	24 hours 100	-
				milligrams	
				48 hours 16	-
Eugenol	Skin - Moderate irritant	Man	-	milligrams	
				4 hours 0.42	-
				Percent	
	Skin - Moderate irritant	Rabbit	-	24 hours 100	-
	Skin - Severe irritant	Rabbit	-	milligrams	
				4 hours 0.5	-
Eugenol	Skin - Severe irritant	Rabbit	-	Milliliters	
				4 hours 3	-
	Skin - Mild irritant	Guinea pig	-	Percent	
				4 hours 100	-
	Skin - Moderate irritant	Rabbit	-	Percent	
				24 hours 500	-
Eugenol	Skin - Moderate irritant	Rabbit	-	milligrams	
				48 hours 40	-
	Skin - Mild irritant	Human	-	milligrams	
				24 hours 100	-
	Skin - Moderate irritant	Guinea pig	-	milligrams	
				48 hours 16	-
Eugenol	Skin - Moderate irritant	Man	-	milligrams	
				48 hours 50	-
	Skin - Mild irritant	Pig	-	milligrams	
				24 hours 100	-
			milligrams		

Conclusion/Summary

Skin

: Based on Calculation Method: Causes skin irritation.

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11. Toxicological information

- Eyes** : Based on Calculation Method: Causes serious eye irritation.
- Respiratory** : Based on available data, the classification criteria are not met.

Sensitization

Not available.

Conclusion/Summary

- Skin** : Based on Calculation Method: May produce an allergic reaction.
- 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.

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

Classification

Product/ingredient name	OSHA	IARC	NTP
Coumarin	-	3	-
d-Limonene	-	3	-
Eugenol	-	3	-

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)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Name	Result
d-Limonene	ASPIRATION HAZARD - Category 1

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

Potential acute health effects

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

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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 and also 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.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : 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 (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
3157806, FIL,AWICK,PHX LAV&CH	18058.2	147803.1	N/A	N/A	N/A
LE_D8379098_NA					
Linalyl acetate	13934	N/A	N/A	N/A	N/A
Linalool	2790	5610	N/A	N/A	N/A
Dihydromyrcenol	3600	N/A	N/A	N/A	N/A
Benzyl salicylate	2227	N/A	N/A	N/A	N/A
Isopropyl myristate	N/A	5000	N/A	N/A	N/A
Eucalyptol	2480	N/A	N/A	N/A	N/A
Coumarin	500	N/A	N/A	N/A	N/A
d-Limonene	4400	N/A	N/A	N/A	N/A
dl-Citronellol	3450	2650	N/A	N/A	N/A
4-tert-Butylcyclohexyl acetate	3550	N/A	N/A	N/A	N/A

Code # : 3157806_D8379098_NA SDS # : D8379098 V1.0 Date of issue : 30/07/2020

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11. Toxicological information

Eugenol	2500	N/A	N/A	N/A	N/A
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	2500	N/A	N/A	N/A	N/A
Allyl cyclohexanepropionate	585	1100	N/A	N/A	1.5

12. Ecological information**Toxicity**

Product/ingredient name	Result	Species	Exposure
Linalool	Acute EC50 36.7 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 28.8 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Eucalyptol	Acute LC50 102000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Coumarin	Acute LC50 13500 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 56000 µg/l Fresh water	Fish - Poecilia reticulata	96 hours
d-Limonene	Acute EC50 421 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 688 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
Eugenol	Acute LC50 24000 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Linalool	-	62.4 % - Readily - 28 days	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Linalool	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Linalyl acetate	3.9	173.9	low
Linalool	2.84	-	low
Dihydromyrcenol	3.25	-	low
Benzyl salicylate	-	1170	high
Isopropyl myristate	7.71	-	high
Methyl ionone (mixture of isomers)	4.5 to 5	-	high
Eucalyptol	2.74	-	low
Coumarin	1.39	-	low
d-Limonene	4.38	-	high
dl-Citronellol	3.41	-	low
4-tert-Butylcyclohexyl acetate	4.8	-	high
Eugenol	2.27	-	low
Allyl cyclohexanepropionate	-	861	high

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

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12. Ecological information

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

13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized 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. Vapor 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

	TDG Classification	DOT Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

Additional information

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 Annex II of MARPOL and the IBC Code : Not available.

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15. Regulatory information

- U.S. Federal regulations** :
- Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed
- Clean Air Act Section 602 Class I Substances** : Not listed
- Clean Air Act Section 602 Class II Substances** : Not listed
- DEA List I Chemicals (Precursor Chemicals)** : Not listed
- DEA List II Chemicals (Essential Chemicals)** : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : FLAMMABLE LIQUIDS - Category 4
 SKIN IRRITATION - Category 2
 EYE IRRITATION - Category 2A
 SKIN SENSITIZATION - Category 1

Composition/information on ingredients

Name	%	Classification
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	≥30 - ≤60	FLAMMABLE LIQUIDS - Category 4
Linalyl acetate	≥10 - ≤30	FLAMMABLE LIQUIDS - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2B SKIN SENSITIZATION - Category 1B
Linalool	≥5 - ≤10	FLAMMABLE LIQUIDS - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1B
Dihydromyrcenol	1 - 5	FLAMMABLE LIQUIDS - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A
Benzyl salicylate	1 - 5	EYE IRRITATION - Category 2B SKIN SENSITIZATION - Category 1B
Isopropyl myristate	1 - 5	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A
Methyl ionone (mixture of isomers)	1 - 5	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2B
Eucalyptol	1 - 5	FLAMMABLE LIQUIDS - Category 3 SKIN SENSITIZATION - Category 1B
alpha-iso-Methylionone	0.1 -1	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2B SKIN SENSITIZATION - Category 1B
Coumarin	0.1 -1	ACUTE TOXICITY (oral) - Category 4 SKIN SENSITIZATION - Category 1B
d-Limonene	0.1 -1	FLAMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 2

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15. Regulatory information

dl-Citronellol	0.1 -1	SKIN SENSITIZATION - Category 1B ASPIRATION HAZARD - Category 1 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A
4-tert-Butylcyclohexyl acetate	0.1 -1	SKIN SENSITIZATION - Category 1B SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A
Eugenol	0.1 -1	SKIN SENSITIZATION - Category 1B EYE IRRITATION - Category 2A
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	0.1 -1	SKIN SENSITIZATION - Category 1B FLAMMABLE LIQUIDS - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A
Allyl cyclohexanepropionate	0.1 -1	SKIN SENSITIZATION - Category 1B ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SKIN SENSITIZATION - Category 1

State regulations**Massachusetts** : None of the components are listed.**New York** : None of the components are listed.**New Jersey** : None of the components are listed.**Pennsylvania** : None of the components are listed.**California Prop. 65**

This product does not require a Safe Harbor warning under California Prop. 65.

Label elements**CPSC****Signal word** : CAUTION**Hazard statements** : EYE IRRITANT**Precautionary measures** : KEEP OUT OF REACH OF CHILDREN AND PETS. Skin contact may cause an allergic reaction. Avoid contact with eyes and skin. DO NOT ingest.**CCCR****Signal word** : CAUTION**Hazard statements** : IRRITANT
MAY IRRITATE EYES**Precautionary measures** : Skin contact may cause an allergic reaction. Avoid contact with eyes and skin. DO NOT ingest.
KEEP OUT OF REACH OF CHILDREN AND PETS**Additional information / Recommendations****Additional information** : If in eyes, rinse with water for at least 15 minutes. Wash hands after handling. If reaction develops, discontinue use immediately and get medical attention. If swallowed, DO NOT induce vomiting. Call a physician or Poison Control Center immediately. Contains fragrance oils. DO NOT use in small, confined pet areas or other areas without adequate ventilation.**Recommendations** : No known significant effects or critical hazards.**Recommendations** : No known significant effects or critical hazards.

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16. Other information

Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		1
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



NFPA (30B) aerosol Flammability No known significant effects or critical hazards.

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Key to abbreviations

- : 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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16. Other information

✔ 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.



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