SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier
AIR WICK Essential Mist Frosted Roses & Snowberry

SDS number: D8396022
Code: 3226750 / 3267332, 3267330, 3294381

1.2. Relevant identified uses of the substance or mixture and uses advised against
Air care products for indoor rooms (continuous action)
Consumer Use

1.3. Details of the Supplier of the Safety Data Sheet
The United Kingdom:
RB UK Hygiene Home Commercial Ltd
Wellcroft House
Wellcroft Road
Slough, Berkshire SL1 4AQ
Tel: 0800 376 8181
Email: ConsumerCare_UK@reckitt.com
The Republic Of Ireland:
RB Ireland Hygiene Home Commercial Ltd
7 Riverwalk
Citywest Business Campus
Dublin 24
Ireland
Tel: 01 661 7318
Email: ConsumerHealth_IE@reckitt.com

1.4 Emergency telephone number
GB - NHS 111/NHS 24 Tel: 111
NI - www.gpoutofhours.hscni.net/
IE - Poisons Information Centre of Ireland: 01 809 2166 8am-10pm 7 days a week.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Asp. Tox. 1, H304
Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : May be fatal if swallowed and enters airways.
Harmful to aquatic life with long lasting effects.

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 CENTRE or doctor. Do NOT induce vomiting.

Storage : Store locked up.

Disposal : Dispose of contents and container in accordance with all local regulations.

Hazardous ingredients : Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Supplemental label elements : Contains LINALOOL, Dihydroterpinyl acetate, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, Isolongifolene ketone, ETHYL LINALOOL, D_LIMONENE, CITRONELLOL, HEXYL CINNAMAL, AMYL CINNAMAL, HYDROXYCITRONELLAL and ISOEUGENOL. May produce an allergic reaction.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Yes, applicable.

Tactile warning of danger : Yes, applicable.

Biocidal products regulation

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	REACH #: 01-2119484819-18 EC: 265-149-8 CAS: 64742-47-8 Index: 649-422-00-2	≥25 - ≤50	Flam. Liq. 3, H226 Asp. Tox. 1, H304	-	[1] [2]
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	EC: 292-460-6 CAS: 90622-58-5	≥10 - ≤25	Asp. Tox. 1, H304	-	[1]
3,5,5-trimethylhexyl acetate	REACH #: 01-2119972325-34 EC: 261-245-9 CAS: 58430-94-7	≤7.4	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	-	[1]
Dihydromyrcenol	REACH #: 01-2119457274-37 EC: 242-362-4 CAS: 18479-58-8	≤1.4	Skin Irrit. 2, H315 Eye Irrit. 2, H319	-	[1]
Phenethyl alcohol	REACH #: 01-2119963921-31 EC: 200-456-2 CAS: 60-12-8	≤1.1	Acute Tox. 4, H302 Eye Irrit. 2, H319	ATE [Oral] = 1603 mg/kg	[1]
linalool	REACH #: 01-2119474016-42 EC: 201-134-4 CAS: 78-70-6 Index: 603-235-00-2	<1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
Dihydroterpinyl acetate	EC: 261-543-9 CAS: 58985-18-5	<1	Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	REACH #: 01-2119489989-04 EC: 259-174-3 CAS: 54464-57-2	<1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 1, H410	M [Chronic] = 1	[1]
Isolongifolene ketone	EC: 245-890-3 CAS: 23787-90-8	<1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	-	[1]
3,7-Dimethyl-1,6-nonadien-3-ol	EC: 233-732-6 CAS: 10339-55-6	≤0.3	Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
Limonene	REACH #: 01-2119529223-47 EC: 227-813-5 CAS: 5989-27-5 Index: 601-096-00-2	≤0.3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M [Acute] = 1	[1] [2]
dl-Citronellol	REACH #: 01-2119453995-23 EC: 203-375-0 CAS: 106-22-9	≤0.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
alpha-Hexylcinnamaldehyde	EC: 202-983-3	≤0.3	Eye Irrit. 2, H319	M [Acute] = 1	[1]

SECTION 3: Composition/information on ingredients

	CAS: 101-86-0		Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411		
alpha-Amylcinnamaldehyde	REACH #: 01-2120740487-49 EC: 204-541-5 CAS: 122-40-7	≤0.3	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411	-	[1]
Hydroxycitronellal	REACH #: 01-2119973482-31 EC: 203-518-7 CAS: 107-75-5	≤0.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
4-Methyl-3-decen-5-ol	REACH #: 01-2119983528-21 EC: 279-815-0 CAS: 81782-77-6	≤0.3	Aquatic Acute 1, H400 Aquatic Chronic 2, H411	M [Acute] = 1	[1]
isoeugenol	EC: 202-590-7 CAS: 97-54-1 Index: 604-094-00-X	<0.01	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 **See Section 16 for the full text of the H statements declared above.**	ATE [Oral] = 1560 mg/kg Skin Sens. 1, H317: C ≥ 0.01%	[1]

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit

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

SECTION 4: First aid measures

4.1 Description of 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 if irritation occurs.

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 : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Get medical attention immediately. Call a poison center or physician. 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. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. 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.

SECTION 4: First aid measures

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.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : Adverse symptoms may include the following:
nausea or vomiting

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : 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 combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

5.3 Advice for firefighters

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.

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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 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. 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".

SECTION 6: Accidental release measures

6.2 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.

6.3 Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. 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. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. 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. Store locked up. 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.

7.3 Specific end use(s)

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

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	**SUVA (Switzerland, 1/2021). []** TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction TWA: 350 mg/m³ 8 hours. STEL: 700 mg/m³ 15 minutes. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes.
Limonene	**SUVA (Switzerland, 1/2021). Skin sensitizer.** STEL: 14 ppm 15 minutes. STEL: 80 mg/m³ 15 minutes. TWA: 7 ppm 8 hours. TWA: 40 mg/m³ 8 hours.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
3,5,5-trimethylhexyl acetate	DNEL	Long term Oral	0.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.8 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.4 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	5.64 mg/m³	Workers	Systemic
Dihydromyrcenol	DNEL	Long term Inhalation	73.5 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	20.8 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	21.7 mg/m³	General population [Consumers]	Systemic
	DNEL	Long term Dermal	12.5 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	2.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	2.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	4.35 mg/m³	General population	Systemic
	DNEL	Long term Dermal	7 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	24.7 mg/m³	Workers	Systemic

SECTION 8: Exposure controls/personal protection

Phenethyl alcohol	DNEL	Long term Inhalation	59.9 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	21.2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	17.7 mg/m³	General population [Consumers]	Systemic
	DNEL	Long term Dermal	12.7 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	5.1 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Short term Oral	5.1 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	5.1 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	12.7 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	17.7 mg/m³	General population	Systemic
	DNEL	Long term Dermal	21.2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	59.9 mg/m³	Workers	Systemic
linalool	DNEL	Long term Dermal	15 mg/cm²	Workers	Local
	DNEL	Short term Dermal	15 mg/cm²	Workers	Local
	DNEL	Long term Dermal	15 mg/cm²	General population [Consumers]	Local
	DNEL	Short term Oral	1.2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	1.25 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	1.5 mg/cm²	General population	Local
	DNEL	Long term Dermal	1.5 mg/cm²	General population	Local
	DNEL	Long term Oral	2.49 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	3 mg/cm²	Workers	Local
	DNEL	Long term Dermal	3 mg/cm²	Workers	Local
	DNEL	Long term Dermal	3.5 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	4.33 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	24.58 mg/m³	Workers	Systemic
3,7-Dimethyl-1,6-nonadien-3-ol	DNEL	Long term Oral	0.2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.74 mg/m³	General population	Systemic
	DNEL	Short term Oral	1.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1.4 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	1.6 mg/cm²	General population	Local
	DNEL	Long term Dermal	1.6 mg/cm²	General population	Local
	DNEL	Short term Dermal	1.6 mg/cm²	Workers	Local
	DNEL	Long term Dermal	1.6 mg/cm²	Workers	Local
	DNEL	Short term Dermal	2.7 mg/kg	General	Systemic

SECTION 8: Exposure controls/personal protection

			bw/day	population	
	DNEL	Long term Dermal	2.7 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	3 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	4.4 mg/m³	General population	Systemic
	DNEL	Short term Dermal	5.5 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	18 mg/m³	Workers	Systemic
Limonene	DNEL	Long term Inhalation	66.7 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	9.5 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	16.6 mg/m³	General population [Consumers]	Systemic
	DNEL	Long term Dermal	4.8 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	4.8 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	4.8 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	4.8 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	9.5 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	16.6 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	66.7 mg/m³	Workers	Systemic
dl-Citronellol	DNEL	Long term Inhalation	161.6 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	327.4 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	47.8 mg/m³	General population [Consumers]	Systemic
	DNEL	Long term Dermal	196.4 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	13.8 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Short term Dermal	2.95 mg/cm²	General population	Local
	DNEL	Short term Dermal	2.95 mg/cm²	Workers	Local
	DNEL	Short term Inhalation	10 mg/m³	General population	Local
	DNEL	Long term Inhalation	10 mg/m³	General population	Local
	DNEL	Short term Inhalation	10 mg/m³	Workers	Local
	DNEL	Long term Inhalation	10 mg/m³	Workers	Local
	DNEL	Long term Oral	13.8 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	47.8 mg/m³	General population	Systemic

SECTION 8: Exposure controls/personal protection

	DNEL	Long term Inhalation	161.6 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	196.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	327.4 mg/kg bw/day	Workers	Systemic
Hydroxycitronellal	DNEL	Short term Dermal	0.5 mg/cm²	General population	Local
	DNEL	Short term Dermal	0.5 mg/cm²	Workers	Local
	DNEL	Long term Oral	0.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1.1 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1.9 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	5.4 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	18 mg/m³	Workers	Systemic
4-Methyl-3-decen-5-ol	DNEL	Long term Dermal	89.3 µg/kg bw/day	General population	Systemic
	DNEL	Short term Oral	5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	8.7 mg/m³	General population	Systemic
	DNEL	Long term Oral	10 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	10 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	10 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	12.5 mg/cm²	General population	Local
	DNEL	Long term Dermal	12.5 mg/cm²	General population	Local
	DNEL	Long term Inhalation	14.38 mg/m³	General population	Systemic
	DNEL	Short term Inhalation	21.74 mg/m³	General population	Local
	DNEL	Long term Inhalation	21.74 mg/m³	General population	Local
	DNEL	Short term Dermal	25 mg/cm²	Workers	Local
	DNEL	Long term Dermal	25 mg/cm²	Workers	Local
	DNEL	Short term Inhalation	35.26 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	88.16 mg/m³	Workers	Local
	DNEL	Long term Inhalation	88.16 mg/m³	Workers	Local
	DNEL	Long term Inhalation	98.7 mg/m³	Workers	Systemic

PNECs

SECTION 8: Exposure controls/personal protection

Product/ingredient name	Compartment Detail	Value	Method Detail
2,6-dimethyloct-7-en-2-ol	Fresh water	27.8 µg/l	Assessment Factors
	Marine water	2.78 µg/l	Assessment Factors
	Fresh water sediment	0.594 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment	0.059 mg/kg dwt	Equilibrium Partitioning
	Soil	0.103 mg/kg dwt	Equilibrium Partitioning
	Secondary Poisoning	111 mg/kg	Assessment Factors
2-phenylethanol	Fresh water	0.215 mg/l	Assessment Factors
	Marine water	0.021 mg/l	Assessment Factors
	Sewage Treatment Plant	10 mg/l	Assessment Factors
	Fresh water sediment	1.454 mg/kg	Equilibrium Partitioning
	Marine water sediment	0.145 mg/kg	Equilibrium Partitioning
	Soil	0.164 mg/kg	Equilibrium Partitioning
linalool	Fresh water	0.2 mg/l	Assessment Factors
	Marine water	0.02 mg/l	Assessment Factors
	Sewage Treatment Plant	10 mg/l	Assessment Factors
Limonene	Fresh water	14 µg/l	Assessment Factors
	Marine water	1.4 µg/l	Assessment Factors
	Sewage Treatment Plant	1.8 mg/l	Assessment Factors
	Fresh water sediment	3.85 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment	0.385 mg/kg dwt	Equilibrium Partitioning
	Soil	0.763 mg/kg	Equilibrium Partitioning

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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. 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: safety glasses with side-shields.

Skin protection

Hand protection : EN 16523-1:2015
Tested for protection against chemical permeation.
Low chemical resistant or waterproof gloves.
(EN 16523-1:2015 supersedes EN 374-3:2003)
EN 374-2:2003
Tested for protection against liquid penetration and micro-organisms.
EN 388:2003
Tested for protection against mechanical risks (abrasion, blade cut resistance, tear resistance and puncture resistance).
ISO 374-1:2016/Type A
Protective glove with permeation resistance of at least 30 minutes each for at least 6 test chemicals.
ISO 374-1:2016/Type B
Protective glove with permeation resistance of at least 30 minutes each for at least 3 test chemicals.
ISO 374-1:2016/Type C
Protective glove with permeation resistance of at least 10 minutes for at least 1 test chemical.

SECTION 8: Exposure controls/personal 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.

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.

SECTION 9: Physical and chemical properties

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

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid.

Color : Not relevant/applicable due to nature of the product.

Odor : Not available.

Odor threshold : Not relevant/applicable due to nature of the product.

Melting point/freezing point : Not relevant/applicable due to nature of the product.

Initial boiling point and boiling range : Not relevant/applicable due to nature of the product.

Flammability (solid, gas) : Not relevant/applicable due to nature of the product.

Upper/lower flammability or explosive limits : Not relevant/applicable due to nature of the product.

Flash point : Not relevant/applicable due to nature of the product.

Auto-ignition temperature : Not relevant/applicable due to nature of the product.

Decomposition temperature : Not relevant/applicable due to nature of the product.

pH : Not available. Not available.

Viscosity : Kinematic (40°C): <7 mm^2/s

Solubility in water : Not relevant/applicable due to nature of the product.

Partition coefficient: n-octanol/water : Not relevant/applicable due to nature of the product.

Vapor pressure : Not relevant/applicable due to nature of the product.

Vapor density : Not relevant/applicable due to nature of the product.

Particle characteristics

Median particle size : Not relevant/applicable due to nature of the product.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : No specific data.

10.5 Incompatible materials : No specific data.

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

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	LD50 Dermal	Mammal - species unspecified	>3160 mg/kg	-
	LD50 Oral	Mammal - species unspecified	>15000 mg/kg	-
3,5,5-trimethylhexyl acetate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	4250 mg/kg	-
Dihydromyrcenol	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3600 mg/kg	-
Phenethyl alcohol	LD50 Dermal	Rabbit	805 mg/kg	-
	LD50 Dermal	Rabbit - Male, Female	2535 mg/kg	-
	LD50 Oral	Rat - Male, Female	1603 mg/kg	-
linalool	LD50 Dermal	Rabbit	5610 mg/kg	-
	LD50 Dermal	Rat	5610 mg/kg	-
	LD50 Oral	Rat	2790 mg/kg	-
3,7-Dimethyl-1,6-nonadien-3-ol	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	5 g/kg	-
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	-
alpha-Hexylcinnamaldehyde	LD50 Oral	Rat	3100 mg/kg	-
alpha-Amylcinnamaldehyde	LD50 Oral	Rat	3730 mg/kg	-
Hydroxycitronellal	LD50 Oral	Rat	>5000 mg/kg	-
isoeugenol	LD50 Oral	Rat	1560 mg/kg	-

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

Acute toxicity estimates

SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Air Wick Essential Mist_FF3226750 (D8396022) EU	24673.4	N/A	N/A	N/A	N/A
3,5,5-trimethylhexyl acetate	4250	N/A	N/A	N/A	N/A
Dihydromyrcenol	3600	N/A	N/A	N/A	N/A
Phenethyl alcohol	1603	2500	N/A	N/A	N/A
linalool	2790	5610	N/A	N/A	N/A
3,7-Dimethyl-1,6-nonadien-3-ol	5000	N/A	N/A	N/A	N/A
Limonene	4400	N/A	N/A	N/A	N/A
dl-Citronellol	3450	2650	N/A	N/A	N/A
alpha-Hexylcinnamaldehyde	3100	N/A	N/A	N/A	N/A
alpha-Amylcinnamaldehyde	3730	N/A	N/A	N/A	N/A
isoeugenol	1560	N/A	N/A	N/A	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
3,5,5-trimethylhexyl acetate	Skin - Moderate irritant	Rabbit	-	-	-
Dihydromyrcenol	Eyes - Mild irritant	Rabbit	-	7.5 %	-
	Skin - Mild irritant	Rabbit	-	4 hours 0.5 Ml	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Phenethyl alcohol	Eyes - Mild irritant	Rabbit	-	10 minutes 12 g	-
	Eyes - Severe irritant	Rabbit	-	24 hours 750 ug	-
	Skin - Mild irritant	Guinea pig	-	100 %	-
	Skin - Moderate irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 100 mg	-
linalool	Eyes - Moderate irritant	Rabbit	-	1 hours 0.1 Ml	-
	Eyes - Moderate irritant	Rabbit	-	100 uL	-
	Skin - Mild irritant	Human	-	72 hours 32 %	-
	Skin - Mild irritant	Man	-	48 hours 16 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Moderate irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-
3,7-Dimethyl-1,6-nonadien-3-ol	Eyes - Mild irritant	Rabbit	-	0.05 %	-
	Eyes - Moderate irritant	Rabbit	-	0.1 Ml	-
	Skin - Mild irritant	Rabbit	-	24 hours 0.05 %	-
	Skin - Mild irritant	Rabbit	-	5 %	-
	Skin - Moderate irritant	Rabbit	-	4 hours 0.5 Ml	-
	Skin - Moderate irritant	Rabbit	-	10 g	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Limonene	Skin - Mild irritant	Rabbit	-	24 hours 10 %	-
dl-Citronellol	Eyes - Moderate irritant	Rabbit	-	0.42 %	-
	Skin - Moderate irritant	Man	-	48 hours 16	-

SECTION 11: Toxicological information

				mg	
	Skin - Moderate irritant	Rabbit	-	4 hours 0.42 %	-
	Skin - Severe irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Rabbit	-	4 hours 0.5 Ml	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 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	-
alpha-Amylcinnamaldehyde	Skin - Mild irritant	Guinea pig	-	336 hours 5 %	-
	Skin - Moderate irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-
Hydroxycitronellal	Eyes - Severe irritant	Rabbit	-	24 hours 100 uL	-
	Skin - Moderate irritant	Rabbit	-	24 hours 100 mg	-
4-Methyl-3-decen-5-ol	Skin - Mild irritant	Guinea pig	-	48 hours 0.1 %	-
	Skin - Mild irritant	Guinea pig	-	10 %	-
isoeugenol	Skin - Moderate irritant	Man	-	48 hours 16 mg	-
	Skin - Severe irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-

Conclusion/Summary

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

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

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

Sensitization

Conclusion/Summary

Skin : Contains Allergen. May produce an allergic reaction.

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

Mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Teratogenicity

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

SECTION 11: Toxicological information

Product/ingredient name	Result
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	ASPIRATION HAZARD - Category 1
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	ASPIRATION HAZARD - Category 1
Limonene	ASPIRATION HAZARD - Category 1

Information on the 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 : No known significant effects or critical hazards.

Ingestion : May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : Adverse symptoms may include the following:
nausea or vomiting

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 : No known significant effects or critical hazards.

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.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	Acute LC50 5900 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
	Acute LC50 2600 µg/l Fresh water	Fish - Oncorhynchus mykiss	4 days
Phenethyl alcohol	LC50 215 mg/l	Fish	96 hours
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
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

Conclusion/Summary : Calculation method Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

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

Conclusion/Summary : Not available.

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

12.3 Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
3,5,5-trimethylhexyl acetate	-	1622	high
Dihydromyrcenol	3.25	-	low
Phenethyl alcohol	1.36	-	low
linalool	2.84	-	low
Limonene	4.38	-	high
dl-Citronellol	3.41	-	low
isoeugenol	3.04	-	low

12.4 Mobility in soil

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

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal : 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.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

VEVA

Waste code	Waste designation
20 03 01	mixed municipal waste

Packaging

Methods of disposal : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	9006	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	-	-
14.3 Transport hazard class(es)	-	9	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	Yes.	No.	No.

Additional information

ADN : The product is only regulated as a dangerous good when transported in tank vessels.

IATA : The environmentally hazardous substance mark may appear if required by other transportation regulations.

14.6 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.

SECTION 14: Transport information

14.7 Maritime transport in bulk according to IMO instruments : Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : None.

Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

Storage class (TRGS 510) : 12

Hazard class for water : 2

15.2 Chemical Safety Assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Asp. Tox. 1, H304 Aquatic Chronic 3, H412	Calculation method Calculation method

Full text of abbreviated H statements

SECTION 16: Other information

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 1	AQUATIC HAZARD (LONG-TERM) - Category 1
Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3	AQUATIC HAZARD (LONG-TERM) - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1A	SKIN SENSITIZATION - Category 1A
Skin Sens. 1B	SKIN SENSITIZATION - Category 1B

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Version : 1

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