

WECTAIR S Y S T E M S

Issue date: 22/02/2024

Version: 1 (03/10/2023)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: V-Air Solid Evo-Apple Orchard VEVO APPLE

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: V-Air Solid Evo-Apple Orchard VEVO APPLE(Contains: Cinnamaldehyde, Linalool, alpha-

Methylcinnamaldehyde, beta-Pinene)

Other identifiers: VA-21-104

Unique Formula Identifier (UFI):

N4M0-60M1-500D-KKWU

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

Product uses: Air Freshener, For Professional use only.

Uses advised against: Use only for intended applications

1.3 Details of the supplier of the safety data sheet

Company name: Vectair Systems Ltd

Company address: Unit 3, Trident Centre, Armstrong Road, Basingstoke, Hampshire, RG24 8NU, UK

Contact: Product Development

E-Mail address: prod-dev@vectairsystems.com

Company phone: +44 (0) 1256 319500 (Office Hours 09:00 to 17:00)

1.4 Emergency telephone number

Emergency phone: [UK]111;[IE]+353 (0)1 809 2166;[BE]+32 (0)70 245 245;[BG]+359 (0)2 9154 233;[CZ]+420 224

919 293/+420 224 915 402;[DK]+45 8212 1212;[AT]+43 (0)1 406 43 43;[GR]+30 210 779 3777; [ES]+34 91 562 04 20;[EE][LV][SI][SE]112;[FI]+358 (0)9 471 977;[FR]+33 (0)1 45 42 59 59; [HR]+385 (0)1 23-48-342;[HU]+36 (06) 80 201-199;[IS]+354 543 2222;[IT]0016506 68593726; [LT]+370 (8)5 236 20 52/+370 (8)6 875 33 78;[NL]+31 (0)30 274 8888;[NO]+47 22 59 13 00;

[PT]800 250 250;[RO]+40 (0)21 318 36 06;[SK]+421(0)254774166

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of Sensitization - Skin Category 1

danger: H317, May cause an allergic skin reaction.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Warning.

Hazard statements: H317, May cause an allergic skin reaction.

Supplemental EUH208, Contains Benzyl salicylate, Eucalyptol, Eugenol, Isoeugenol, alpha-

Information: Hexylcinnamaldehyde, alpha-Pinene, beta-Caryophyllene, d-Limonene. May produce an

Vectair Systems Ltd, Unit 3, Trident Centre, Armstrong Road, Basingstoke, Hampshire, RG24 8NU, UK





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allergic reaction.

Precautionary statements:

P280, Wear protective gloves/eye protection/face protection. P302/352, IF ON SKIN: Wash with plenty of soap and water.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P501, Dispose of contents/container to approved disposal site, in accordance with local

regulations.

Pictograms:

2.3 Other hazards

Other hazards: Sensitisers declared on a CLP

Hazard Label:

Benzyl salicylate, Eucalyptol, Eugenol, Isoeugenol, alpha-

Hexylcinnamaldehyde, alpha-Pinene, beta-Caryophyllene, d-

Limonene

Hydrocarbon Concentration %: 6.0000%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
cis-2-tert- Butylcyclohexyl acetate	20298-69-5, 88-41-5	243-718-1, 201-828-7		1-<5%	Aquatic Chronic 2; H411,-	oral: ATE = 4600 mg/kg bw
beta-Pinene	127-91-3	204-872-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 1; H226-H304-H315- H317-H410,-	M = 1-M = 1
alpha-Terpineol	98-55-5, 8000-41-7, 10482-56-1	202-680-6, 233-986-8, 232-268-1		1-<5%	Skin Irrit. 2-Eye Irrit. 2; H315-H319,-	oral: ATE = 4300 mg/kg bw
C11-15-Isoalkanes	90622-58-5	292-460-6		1-<5%	Asp. Tox 1;H304,-	
d-Limonene	5989-27-5, 138-86-3, 5989-54-8	227-813-5, 205-341-0, 227-815-6		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-	M = 1
Diethyl malonate	105-53-3	203-305-9		1-<5%	Eye Irrit. 2;H319,-	
beta-Caryophyllene	87-44-5	201-746-1		1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317,-	





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alpha-Pinene	80-56-8, 7785-26-4	201-291-9	1-	-<5%		M = 1-M = 1-oral: ATE = 500 mg/kg bw
alpha- Hexylcinnamaldehyde	101-86-0, 165184-98-5	202-983-3, 639-566-4	1-	-<5%	Skin Sens. 1B-Aquatic Acute 1-Aquatic	M = 1-oral: ATE = 3100 mg/kg bw
alpha- Methylcinnamaldehyde	101-39-3, 15174-47-7	202-938-8, 701-219-0	1-	-<5%	Skin Sens. 1B;H317,-	oral: ATE = 2050 mg/kg bw
I-Borneol	464-45-9	207-353-1	1-	-<5%	Flam. Sol. 1-Skin Irrit. 2;H228-H315,-	
Linalool	78-70-6	201-134-4	1-		Skin Sone 1B-H315	oral: ATE = 2790 mg/kg bw
Carrageenan	2593-40-5, 9000-07-1	232-524-2	1-	-<5%	Acute Tox. 4;H312,-	
Camphor	76-22-2, 21368-68-3	200-945-0	0.	1 ~10/	STOT SE 2-STO-SE 2_ROUTE-Aquatic	inhalation: ATE = 1.5 mg/l (dusts or mists)- oral: ATE = 1500 mg/kg bw
Cinnamaldehyde	104-55-2, 57194-69-1	203-213-9	0.	.1-<1%	Sens. 1A-Aquatic	dermal: ATE = 1100 mg/kg bw-oral: ATE = 2200 mg/kg bw
Benzyl salicylate	118-58-1	204-262-9	0.	1-<1%		oral: ATE = 2227 mg/kg bw
Eugenol	97-53-0	202-589-1	0.	.1-<1%	,	oral: ATE = 2500 mg/kg bw
Eucalyptol	470-82-6	207-431-5	0.	.1-<1%		oral: ATE = 2480 mg/kg bw
Isoeugenol	97-54-1	202-590-7	0.	.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1A-STOT SE 3;H302-H312-	inhalation: ATE = 1.5 mg/l (dusts or mists)- dermal: ATE = 1912 mg/kg bw-oral: ATE = 542 mg/kg bw
Allyl heptanoate	142-19-8	205-527-1	0.	.1-<1%		M = 1-dermal: ATE = 810 mg/kg bw-oral: ATE = 218 mg/kg bw
Allyl (3-methylbutoxy) acetate	67634-00-8	266-803-5	0.	.1-<1%	Acute Tox. 4-Acute Tox. 2-Skin Irrit. 2; H302-H315-H330 -	inhalation: ATE = 0.46 mg/l (dusts or mists)- oral: ATE = 500 mg/kg bw

Substances with Community workplace exposure limits:





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Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2		5-<10%	-;-,-	
Propylene glycol	57-55-6	200-338-0		1-<5%	-;-,-	
d-Limonene	5989-27-5, 138-86-3, 5989-54-8	227-813-5, 205-341-0, 227-815-6		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-	M = 1

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water. **Ingestion:** Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.





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Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Air Freshener, For Professional use only.: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:





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Ingredient	CAS	EC	Description	Value
			UK WEL Long term ppm	50 ppm
			UK WEL Long term mgm3	308 mg/m³
			UK WEL Short term ppm	150 ppm
			UK WEL Short term mgm3	924 mg/m³
Dipropylene glycol monomethyl			EU Long-term exposure limit (8-hour TWA) (mg/m3)	308 mg/m³
ether	34590-94-8		EU Long-term exposure limit (8-hour TWA) (ppm)	50 ppm
			Polish NDS mgm3	240 mg/m³
			Polish NDSCh mgm3	480 mg/m³
			German OEL Long term ppm	50 ppm
			German OEL Long term mgm3	310 mg/m³
		200-338-0	UK WEL Long term ppm	474 ppm
Propylene glycol	57-55-6		UK WEL Long term mgm3	150 mg/m³
	5989-27-5, 138-86-3, 5989-54-8	227-813-5, 205-341-0, 227-815-6	German OEL Long term ppm	5 ppm
d-Limonene			German OEL Long term mgm3	28 mg/m³
			German OEL Short term mgm3	112 mg/m³

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and





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other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour: Green Semi-Solid

Odour: Fruity

Odour threshold: Not determined Melting point / freezing point: Not determined

Boiling point or initial boiling point and boiling > 100 °C

range:

Flammability: Not determined Lower and upper explosion limit: Not determined

Flash point: > 100 °C

Auto-ignition temperature:

Decomposition temperature:

Not relevant

Not determined

Not determined

Kinematic viscosity:

Not determined

Solubility:

Not determined

Not determined

Not determined

Not determined

value):

Vapour pressure:Not determinedDensity and/or relative density:Not determinedRelative vapour density:Not determinedParticle characteristics:Not determined

9.2 Other information:None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.





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10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

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

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000
Acute Toxicity Dermal >5000

Acute Toxicity Inhalation Not Available

Skin corrosion/irritation:Based on available data the classification criteria are not met. **Serious eye damage/irritation:**Based on available data the classification criteria are not met.

Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive toxicity:

Based on available data the classification criteria are not met.

STOT-single exposure:

Based on available data the classification criteria are not met.

STOT-repeated exposure:

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Allyl (3-methylbutoxy) acetate	67634-00-8	266-803-5	500	Not available	10.46	Dust/mist mg/l
Allyl heptanoate	142-19-8	205-527-1	218	810	Not available	Vapour mg/l
ii .arraneenan	2593-40-5, 9000-07-1	232-524-2	Not available	1100	INOT available	Not available

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:Not available12.2 Persistence and degradability:Not available12.3 Bioaccumulative potential:Not available





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12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties: Not Applicable **12.7 Other adverse effects:** Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN

Model Regulations.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

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

SDS Reference No.: SDS 1115

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: SS 1=20.00% EH C2=75.30% EH C3=7.51%

Total Fractional Values: SS 1=5.00 EH C2=1.33 EH C3=13.32

Key to revisions:





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Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 2	Acute Toxicity - Inhalation Category 2
Acute Tox. 3	Acute Toxicity - Oral Category 3
Acute Tox. 3	Acute Toxicity - Dermal Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Sol. 1	Flammable Solid, Hazard Category 1
Flam. Sol. 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H371	May cause damage to organs (organs, exposure route).
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.
P210	Keep away from heat, sparks, open flames and hot surfaces No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.





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D044	
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P284	Wear respiratory protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P361	Remove/Take off immediately all contaminated clothing.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
STOT SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B





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The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.