SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: V-SCREEN DUAL - ICE COOL V-SCN-DUAL-IC-EU

Version: 1

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

1.1 Product Identifier

Product identifier: V-SCREEN DUAL - ICE COOL V-SCN-DUAL-IC-EU(Contains:2-Hexyl-(E)-cinnamaldehyde, 4-tert-Butylcyclohexyl acetate, alpha-Pinene, d-Limonene)

Other identifiers: GB-23-050-30EVA

Unique Formula Identifier (UFI): W2T0-407E-900J-7549

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

Product uses: Urinal Screen

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: INFOTRAC +1 800 535 5053 INTERNATIONAL +1 352 323 3500

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under GB GHS UK SI 2020 No. 1567

Class and category of danger:
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H317, May cause an allergic skin reaction.
H411, Toxic to aquatic life with long lasting effects.

2.2 Label elements

Classification under GB GHS UK SI 2020 No. 1567

Signal word: Warning

Hazard statements:
H317, May cause an allergic skin reaction.
H411, Toxic to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains 3,7-Dimethyloct-7-en-1-ol, Benzyl salicylate, Citral, Coumarin, Eugenol, Geraniol, Linalool, Linalyl acetate, beta-Caryophyllene, beta-Pinene. May produce an allergic reaction.

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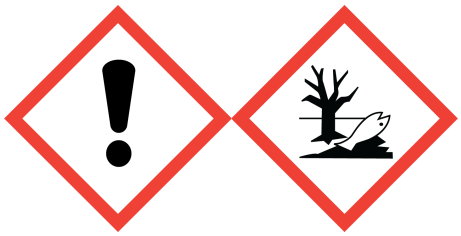
Precautionary statements:

P273, Avoid release to the environment.
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.
P391, Collect spillage.
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: 3,7-Dimethyloct-7-en-1-ol, Benzyl salicylate, Citral, Coumarin, Eugenol, Geraniol, Linalool, Linalyl acetate, beta-Caryophyllene, beta-Pinene

Hydrocarbon Concentration %: 7.0500%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	GB REACH Registration No.	%	GB GHS UK SI 2020 No. 1567
Diethyl malonate	105-53-3	203-305-9		1-<5%	Eye Irrit. 2;H319,-
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9		1-<5%	Skin Sens. 1B;H317,-
2-Hexyl-(E)-cinnamaldehyde	165184-98-5			1-<5%	Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H317-H400-H411,-
Phenethyl alcohol	60-12-8	200-456-2		1-<5%	Eye Irrit. 2-Acute Tox. 4;H302-H319,-
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,-
C11-15-Isoalkanes	90622-58-5	292-460-6		1-<5%	Asp. Tox 1;H304,-
beta-Pinene	127-91-3	204-872-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 1-Asp. Tox 1-Aquatic Acute 1; H226-H304-H315-H317-H410,-

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Benzyl benzoate	120-51-4	204-402-9		1-<5%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400-H411,-
alpha-Pinene	80-56-8, 7785-26-4	201-291-9		1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 1-Asp. Tox 1-Aquatic Acute 1;H226-H302-H304-H315-H317-H410,-
Benzyl acetate	140-11-4	205-399-7		1-<5%	Aquatic Chronic 3;H412,-
Linalool	78-70-6	201-134-4		1-<5%	Eye Irrit. 2-Skin Irrit. 2-Skin Sens. 1B;H315-H317-H319,-
beta-Caryophyllene	87-44-5	201-746-1		1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317,-
Linalyl acetate	115-95-7	204-116-4		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
Benzyl salicylate	118-58-1	204-262-9		0.1-<1%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-
3,7-Dimethyloct-7-en-1-ol	141-25-3	205-473-9		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
Coumarin	91-64-5	202-086-7		0.1-<1%	Acute Tox. 4-Skin Sens. 1B;H302-H317,-
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	214-946-9		0.1-<1%	Aquatic Chronic 1-Aquatic Acute 1;H410,-
Geraniol	106-24-1	203-377-1		0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318,-
Citral	5392-40-5	226-394-6		0.1-<1%	Eye Irrit. 2-Skin Irrit. 2-Skin Sens. 1;H315-H317-H319,-
Eugenol	97-53-0	202-589-1		0.1-<1%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-

GB workplace exposure limits:

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

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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.

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):

Urinal Screen: Use in accordance with good manufacturing and industrial hygiene practices.

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Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) 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

Appearance:	Opaque Blue Solid
Odour:	Characteristic
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	> 100 °C
Flash point:	> 100 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Do not dissolved in water
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

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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.

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 toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in GB GHS UK SI 2020 No. 1567.

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.
Aspiration hazard:	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
Benzyl benzoate	120-51-4	204-402-9	1160	Not available	Not available	Not available

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Phenethyl alcohol	60-12-8	200-456-2	1610	2500	Not available	Not available
alpha-Pinene	80-56-8, 7785-26-4	201-291-9	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

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 GB REACH UK SI 2020 No. 1577.

12.6 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	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alpha-Pinene, beta-Pinene)	9	-	III
IMDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alpha-Pinene, beta-Pinene) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alpha-Pinene, beta-Pinene)	9	-	III
ICAO TI	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alpha-Pinene, beta-Pinene)	9	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user: None additional

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

Not applicable

Section 15. Regulatory information

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

SDS Reference No.: SD-000138S

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=40.00% EH C2(GB)=64.78% EH C3(GB)=6.43%

Total Fractional Values: SS 1=2.50 EH C2(GB)=1.54 EH C3(GB)=15.55

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral 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
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
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.
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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P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
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.
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.
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.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
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.
P403/235	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.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1B	Sensitization - Skin Category 1B

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.