

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name : **V-Air Fragrance Cartridges**
Product code : V-Air cart
Application : Fragrance and Odour Control System

Supplier : Vectair Systems Ltd
Address : Unit 3, Trident Centre, Armstrong Road, Basingstoke, Hampshire RG24 8NU
Telephone : +44-1256-319500
Fax : +44-1256-319510



EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:
Vectair Systems Limited : +44-1256-319500

2. HAZARD INFORMATION

General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.

Hazard symbol : Xn, Harmful.
Risk phrases : R10, Flammable.
: R22, Harmful if swallowed.
: R52/53, Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Environment : When spilled, can contaminate soil, ground and surface water.

3. COMPOSITION / INFORMATION ON CONSTITUENTS

Chemical identification: Fragrance composition: multi component mixture of natural and synthetic aromatic materials.

CAS number : Not applicable, product is a mixture.

EINECS number : Not applicable, product is a mixture.

Contains	CAS/EINECS	Hazard Symbols	Conc%
(S) 6-octen-1-ol,3,7-dimethyl	106-22-9 /203-375-0	Xi-N; R 38-43-51/53	0-2%
Allyl Hexanoate	123-68-2 /204-642-4	Xn-N; R 21/22-38-51/53	1-5%
(L) Benzaldehyde	100-52-7 /202-860-4	Xn; R 22	20-30%
CAMPHOR POWDER SYNTHETIC	76-22-2	Xn; R 20-68/22	1-5%
/200-945-0			
(S) Cinnamaldehyde	104-55-2	Xn; R 21-38-43	0-1%
/-			
DIPROPYLENE GLYCOL			
MONOMETHYL ETHERACETA	88917-22-0	Xi; R 38-41	5-10%
TE /-			
gamma-Undecalactone	104-67-6 /203-225-4	N; R 51/53	1-5%
Propan-2-ol	67-63-0 /200-661-7	F-Xi; R 11-36-67	5-10%

4. FIRST AID MEASURES

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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	:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Ingestion	:	Rinse mouth with water and obtain medical attention.
Others	:	Take Risk and Safety phrases (section 15) into consideration.

5. FIRE FIGHTING METHODS

Extinguishing	:	Carbon dioxide, dry chemical, foam. media Do not use a direct water-jet on burning material.
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6. ACCIDENTAL RELEASE MEASURES

Personal	:	Avoid inhalation and contact with skin and eyes. A precautions self-contained breathing apparatus is recommended in case of a major spill.
Spillage	:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.
Environmental	:	Keep away from drains, surface and ground water, and precautions soil.

7. HANDLING & STORAGE

Handling	:	Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
Storage	:	Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.
Fire	:	Keep away from ignition sources and naked flame. protection

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory	:	Avoid excessive inhalation of concentrated vapours. protection
Eye protection	:	Wear safety glasses.
Skin protection	:	Avoid skin contact. Use chemically resistant gloves as needed.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance : Pale yellow

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Odour : Not determined.
pH-value : Not determined.
Viscosity : Not determined.
Freezing point : Not determined.
Boiling point : Not determined.
Melting point : Not determined.
Flash point : 25 degC (CC)
Autoflammability : Not determined.
Explosive property : None expected.
Oxidising property : None expected.
Vapour pressure : Not determined.
Relative density : 0.9270 to 0.9470 @ 20 degC
Solubility water : Not determined.
Solubility ethanol : Not determined.
Partition coeff. : Not determined.
Refractive index : 1.4306 to 1.4506 @ 20 degC

10. STABILITY & REACTIVITY

Reactivity : Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Based on the ingredients in this composition and their concentrations, this product is according to the conventional method of EEC directive 1999/45/EC classified as:
Harmful if swallowed.

12. ECOLOGICAL INFORMATION

General : This material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

13. DISPOSAL CONSIDERATIONS

Dispose of according to local regulations.
Avoid disposing into drainage systems and into the environment.

14. TRANSPORT INFORMATION

Class Pack group Sub risk UN no IMDG page
Road (CDGRR) : 3 III UN1993
Air (IATA) : 3 III UN1993
Sea (IMDG) : 3 III UN1993

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15. REGULATORY INFORMATION

Classification Packaging / Labelling (Directive 1999/45/EC)

Hazard symbol : Xn, Harmful.

Contains Benzaldehyde.

Contains 6-octen-1-ol,3,7-dimethyl, Cinnamaldehyde. May produce an allergic reaction.

Risk phrases : R10, Flammable.

: R22, Harmful if swallowed.

: R52/53, Harmful to aquatic organisms, may cause longterm adverse effects in the aquatic environment.

Safety phrases : S61, Avoid release to the environment. Refer to special instructions/safety data sheet.

16. OTHER INFORMATION

The information in this safety data sheet is accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 2:

R10	Flammable
R11	Highly flammable
R21/22	Harmful in contact with skin and if swallowed
R34	May cause burns
R36	Irritating to eyes
R38	Irritating to skin
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms
R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness