

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY



Product name : **VECTAIR AIROMA MICRO METERED AIR FRESHENER
(All Fragrances)**
Datasheet No. : VINC 3.0.0
Product Use : Metered Air Freshener

Supplier : Vectair Systems Inc
Address : PO Box 11068, Memphis, TN 38111, USA
Telephone : 877-697-7276 Toll-Free
Fax : 901-377-8446

+ EMERGENCY TELEPHONE NUMBER:
Call INFOTRAC : 1-800-535-5053 24-Hrs per Day; 7-Days per Week

1.2 Trading Name

Cool (BAERO-01), Mystique (BAERO-02), Citrus Tingle (BAERO-04), Mango (BAERO-09), Linen (BAERO-05), Bouquet (BAERO-06), Orchard (BAERO-07), Cinnamon (BAERO-08).

2. COMPOSITION / INFORMATION ON CONSTITUENTS

Chemical Name	Concentration	CAS Number	LD/50, Route, Species	LC/50 Route, Species	Exposure Limit
Acetone	30-60%	67-64-1	>9750 mg/kg ORAL - RAT	>16,000 ppm (4hr) INHAL - RAT	750ppm
Propane	15-40%	74-98-6	N/A	N/A	1000ppm
Diethylene Glycol Ethyl Ether	10-20%	111-90-0	6500mg/kg RAT - ORAL	N/A	N/A
Fragrance	7-13%	N/A	N/A	N/A	N/A

3. HAZARD INFORMATION

Contact with Eyes: May cause irritation
Contact with Skin: May cause irritation
Inhalation: Inhalation of solvents may cause irritation. Propellant is a simple Asphyxiant.
Ingestion: May cause headache, nausea, vomiting and weakness
Effects of acute exposure: Dizziness, nausea, irritation to skin and eyes
Effects of chronic exposure: Solvents may cause Defatting Dermatitis
Exposure limit of material: See section 2

4. FIRST AID MEASURES

Emergency first aid procedures: In the case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. For skin, wash thoroughly with soap and water. If affected by inhalation of vapour or spray mist, remove to fresh air. If swallowed; Do not induce vomiting, get medical attention.

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5. FIRE FIGHTING METHODS

Auto Ignition Temperature (°C)	204-465
Special Procedures	Water from fogging nozzles may be used to cool closed containers to prevent build up if exposed to extreme temperatures. Full protective equipment including self contained breathing apparatus should be worn in a fire involving this material.
Flammability	Flammable
If yes, under which conditions?	Excessive heat, sparks and open flame
Extinguishing media	Water, Carbon Dioxide, Dry Chemical, Foam
Upper Flammable limit (% by volume)	23.5
Lower Flammable limit (% by volume)	1.2
Explosion Data – Sensitivity to static discharge	Not Applicable
Explosion Data – Sensitivity to impact	Not Applicable
Hazardous combustion – Products	Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.
Aerosol flame projection – classified as:	15 – 45 cm
Aerosol flame projection – flashback:	None
Flash Point (°C), Tag Closed-Cup (Concentrate)	Lowest known value is acetone @ -18°C

6. ACCIDENTAL RELEASE MEASURES

Leak/spill	Remove all sources of ignition. Use an inert absorbent material, and non-sparking tools. Ventilate area. Prevent from entering a watercourse.
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7. HANDLING & STORAGE

Storage Needs	Keep away from heat, sparks, and open flames
Engineering controls	Ventilation – Local (Mechanical if used indoors on a continuous basis)
Handling Procedures and Equipment	Store in a cool, well ventilated area not to exceed 50 deg. C
Synergistic Materials	None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves / Type	Not normally required
Respiratory / Type	Not normally required
Eye / Type	Safety Glasses
Footwear / Type	Not normally required
Other / Type	Not required

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9. PHYSICAL & CHEMICAL PROPERTIES

Physical State	Aerosol
Appearance	Clear Liquid
Odor	Fragrant
Odor Threshold	Not available
Vapour Pressure (PSIG) – Aerosol @ 20 C	80-90
Boiling Point (°C) (Conc)	Lowest known value is 56 based on Acetone
Evaporation Rate n-Butyl Acetate = 1	Greater than 1
Vapour Density (Air = 1)	Greater than 1
Solubility in Water g/L (20°C)	Miscible
PH	Not Applicable
Specific Gravity (Liquid)	Not Available
Coefficient of Water / Oil Dist	Not available
Freezing Point (°C)	Not available
Percent Volatile (By Weight)	97-98
Specific Gravity (Aerosol)	Not available

10. STABILITY & REACTIVITY

Hazardous products of decomposition	Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete
Chemical Stability: Yes	Under normal conditions
Chemical Stability: No	Not Applicable
Compatibility with other substances	No: Strong Oxidising agents
Reactivity Conditions	Not applicable
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Reproductive effects	No Information is available and no adverse reproductive effects are anticipated
Irritancy of Material	Skin / Eye irritation
Sensitizing Capability of Material	Unknown
Carcinogenicity of Material	The ingredients of this product are not listed as Carcinogens by NTP, (National Toxicology Program), not regulated as Carcinogens by OSHA (Occupational Safety and Health Administration), and have not been evaluated by IARC (International Agency For Research on Cancer), nor by ACGIH (American Conference of Governmental Industrial Hygienists).
Teratogenicity	No information is available and no adverse Teratogenic effects are anticipated
Mutagenicity	No information is available and no adverse Mutagenic effects are anticipated

12. ECOLOGICAL INFORMATION

Environmental	Not Available
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13. DISPOSAL CONSIDERATIONS

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Waste Disposal Do not puncture or incinerate containers, even when empty.
Dispose of in accordance with local, provincial and Federal regulations

14. TRANSPORT INFORMATION

T.D.G. Classification Consumer Commodity (Aerosols, UN1950, Class 2.1)
D.O.T. Classification Consumer Commodity, ORM-D

15. REGULATORY INFORMATION

Canadian Regulations:
WHMIS Classification A, B5, D2B
CNFC Section 3.3.5 Level 3
CEPA (Canadian Environmental Protection Act) All Substances in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

U.S.Regulations:
HMIS Rating Health 1 Slight Hazard
HMIS Rating Flammability 3 Serious Hazard
HMIS Rating Reactivity 0 Minimal Hazard
HMIS Rating Personal Protection B
NFPA Code 30B Level 3
SARA 313 Information This product contains no ingredients subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372
Californian Proposition 65 The following statement is made in order to comply with the Californian Safe Drinking Water and Toxic Enforcement Act of 1986:
Warning: This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
TSCA (Toxic Substances Control Act) All components of this product are listed on the TSCA inventory.
Any impurities present in this product are exempt from listing.

16. OTHER INFORMATION

NOTICE FROM VECTAIR SYSTEMS INC:

The information on this Material Safety Data Sheet whilst believed to be reliable is intended for use by skilled persons at their own risk. Vectair Systems Inc. assumes no responsibility for events resulting or damages occurring from its use. The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.