

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY



Product name : **VECTAIR SYSTEMS INC. COMMERCIAL PRODUCTS 3000 & 9000 SERIES – ALL FRAGRANCES**

Data sheet No. : VINC 1.1.0

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



24 – HOUR EMERGENCY TELEPHONE NUMBER:

Call INFOTRAC: 1-800-535-5053 (24-Hrs per Day; 7-Days per Week)

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	1-5%	N/A	N/A	N/A	N/A

3. HAZARD INFORMATION

FLAMMABLE LIQUID

Contents under pressure: do not expose to fire or extreme heat.

Route of Entry: Eye: Y Skin: Y Inhalation: Y Ingestion: Y

Health Hazards: May cause eye and skin irritation, as well as respiratory irritation, may cause stomach distress

Signs/systems of Over exposure:

High vapor concentrations or excessive intentional inhalation may cause upper respiratory tract irritation, sleepiness and/or dizziness, and eye irritation.

Prolonged skin contact may cause mild redness and swelling.

Contact with eyes may cause irritation, experienced as discomfort or pain, excessive blinking and tear production, with marked excess redness and swelling. Corneal injury may occur. This product can be absorbed through the skin.

Medical Conditions aggravated by exposure:

Skin contact may aggravate an existing skin condition.

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4. FIRST AID MEASURES

EYE CONTACT: Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Obtain medical attention if irritation persists.

SKIN CONTACT: Rinse affected area with plenty of water until no evidence of product remains; obtain medical attention if irritation persists.

INGESTION: Do not induce vomiting, get medical attention. Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilute by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

INHALATION: Not a normal route of harmful exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

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

Before attempting clean up refer to hazard data given above. Remove sources of ignition. Although chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with non-flammable absorbent such as sand or vermiculite. Ventilate area. Prevent from entering a watercourse.

7. HANDLING & STORAGE

Storage Needs	Keep out of reach of children. Store in a cool dry place. Keep away from heat, sparks, and open flames
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Engineering controls	Ventilation – Local (Mechanical if used indoors on a continuous basis)
Handling Procedures and Equipment.	Store in a cool, well ventilated area. Exposure to temperatures above 120°F may cause container to burst.
Synergistic Materials	None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves: Not normally required

Eye Protection: Not normally required

Respiratory Tract: Not normally required

Ventilation: Local: Not required

Carcinogenic: Non – hazardous by WHIMS/ OSHA criteria

Teratogenicity, Mutagenicity, Reproductive Effects: No data available

Other protective equipment: None required

Protective Work/Hygiene Practices: Follow labeling instructions

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	Unknown

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Material	
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

Discharge, treatment, or disposal may be subject to national state or local laws.

13. DISPOSAL CONSIDERATIONS

Do not reuse empty containers. This container may be recycled in a few and growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to label. DO NOT PUNCTURE CAN! If recycling is not available, discard the containers into the trash.

14. TRANSPORT INFORMATION

	STATUS	Shipping Name	CLASS	ID#	Pkng. Grp	
DOT	Regulated	Consumer Commodity	ORM-D		N/A	
IATA	Regulated	Aerosols, flammable	2.1	UN1950	N/A	LTD QTY
IMDG	Regulated	Aerosol	2.1	UN1950	N/A	LTD QTY

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)	All components of this product are listed on the TSCA

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Control Act)

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.