

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY



Product name : **VECTAIR AIROMA 3000 METERED AIR FRESHENER (All Fragrances)**  
Datasheet No. : VINC 1.0.0  
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 (AERO-01), Mystique (AERO-02), Citrus Tingle (AERO-04), Babyface (BAERO-05), Mango (AERO-10), Calm (AERO-14), Sensual (AERO-15), Comfort (AERO-16), Linen (AERO-06), Bouquet (AERO-07), Orchard (AERO-08), Cinnamon (AERO-09).

## 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<br>ORAL - RAT | >16,000 ppm (4hr)<br>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<br>RAT - ORAL   | N/A                              | N/A            |
| Fragrance                     | 1-5%          | 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. |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

## 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<br>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 |
|---------------|---------------|

## 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:<br>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.<br>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.