

# MATERIAL SAFETY DATA SHEET according 91/155/EE

Data-Sheet-No.: 28

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

Product name : **AIROMA AEROSOL SPRAYS ONLY R12**  
Product code :  
Supplier : Vectair Systems Ltd  
Address : Bilton Road, Kingsland Business Park, Basingstoke, Hampshire RG24 8LJ  
Telephone : +44-1256-319500  
Fax : +44-1256-319510



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

### 1.2 Trading Name

85ml: Cool (BAERO-01), Mystique (BAERO-02), Herbal Fern (BAERO-03), Citrus Tingle (BAERO-04), Babyface (BAERO-05), Amber Shade (BAERO-06), Exotic Garden (BAERO-07), Floral Silk (BAERO-08) ; 243 ml: Cool (AERO-01), Mystique (AERO-02), Herbal Fern (AERO-03), Citrus Tingle (AERO-04), Babyface (AERO-05), Amber Shade (AERO-06), Exotic Garden (AERO-07), Floral Silk (AERO-08)

## 2. COMPOSITION / INFORMATION ON CONSTITUENTS

**Character:** Aerosol

Content %	EINECS/ELINCS	Substance	Symbol	R-Phrases
7 ... 11	200-661-7	Propane-2-ol	F, Xi	R11, R36, R67
11 ... 15	200-578-6	Ethanol	F	R11
65	270-990-9	Propane/butane	F+	R12

Propane/butane (CAS# 68512-91-4) contains less than 0,1 % 1,3-butadiene (CAS# 106-99-0)

## 3. HAZARD INFORMATION

No, if used in accordance with instructions.

## 4. FIRST AID MEASURES

General : If symptoms persist, call a Doctor  
Inhalation : In case of inhalation, affected person should be moved into fresh air and kept still and warm.  
Skin Contact : On contact with the skin, wash off with: Water and Soap.  
Eye Contact : On contact with the eyes, rinse immediately with plenty of water for 15 minutes.  
Ingestion : Not applicable for aerosol cans.  
Other Information: First aid, decontamination, symptomatic treatment.

## 5. FIRE FIGHTING METHODS

General : Vapours/aerosols can form an explosive mixture with air. Heat causes increase in pressure and risk of bursting.  
Extinguishing Measures : Water spray jet, powder, foam, carbon dioxide. No full water jet. Cool endangered containers or product with water spray jet.

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## 6. ACCIDENTAL RELEASE MEASURES

**Spill Into Atmosphere:** Knock down product vapours and mists with water spray jet.

**Spill Into Drainage System, Surface Or Ground Water:** Do not discharge product into natural waters without pre-treatment (biological treatment plant).

**Spill Into Earth:** Pick up with absorbent material.  
Dispose of in compliance with official regulations.

## 7. HANDLING & STORAGE

Keep out of the reach of children.

Observe rules of 75/324/EEC

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Value
Propane-2-ol	500 ml/m <sup>3</sup> (ppm)
Ethanol	1000 ml/m <sup>3</sup> (ppm)
Propane/butane	1000 ml/m <sup>3</sup> (ppm)

## 9. PHYSICAL & CHEMICAL PROPERTIES

### 9.1 Appearance

**Appearance:** aerosol can

**Colour:** white aerosol

**Odour:** characteristic

**Vapour pressure at 20°C:** < 5.000 hPa

**50°C** < 10.000 hPa

### 9.2 Safety Relevant Data

	Value	Measure	Remark
pH-value of the substance:			
Solution (10 %):			Not applicable
Temperature of ignition:	~ 400 °C		Propane/butane
Lower explosion limit:	1,5 Vol.%		Propane/butane
Higher explosion limit:	15,0 Vol.%		Ethanol
Vapour Pressure (20°C):	< 5000 hPa		
(50°C):	<10000 hPa		Pressure inside the can
Density:	~ 0,8 g/ml		
Solubility in water:	mixeable		Solubility in organic solvents: mixeable

## 10. STABILITY & REACTIVITY

If ventilation is not sufficient, may form flammable/explosive vapour-air-mixture.  
Heat causes increase in pressure and risk of bursting.

## 11. TOXICOLOGICAL INFORMATION

No data available.

## 12. ECOLOGICAL INFORMATION

Product Name: AIROMA AEROSOL SPRAYS ONLY R12

Date of Issue : 05/02/2003

Print Date: 12.09.2003

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Water hazardous liquid.

## 13. DISPOSAL CONSIDERATIONS

Disposal in compliance with official regulations. Waste code of container with content: 200122; aerosols.

## 14. TRANSPORT INFORMATION

UN No: 1950

Contains: propane/butane; ethanol; propane-2-ol

### 14.1 Land Transport (ADR/GGVS, RID/GGVE)

Class: 2                      Classification Code: 5F                      Letter: 2.1  
Special Rules:      190, 625

### 14.2 Marine Transport (IMDG)

Class: 2                      PG: 3003 ; EMS-No.: 2-13 ; MFAG: 4.2 ; marine pollutant: no ; proper shipping name: Aerosols, flammable n.o.s.

### 14.3 Air Transport (ICAO/IATA)

Class: 2.1                      Aerosols, flammable n.o.s.

## 15. REGULATORY INFORMATION

### 15.1 Labelling According to EC-Guidelines

#### Symbol Of Danger



Extremely flammable

**Product Contains:**                      propane/butane; ethanol; propane-2-ol

#### **R-Phrases**

R12 : Extremely Flammable

#### **S-Phrases**

S2 : Keep out of the reach of children

S16: Keep away from sources of ignition – No smoking

S23 : Do not breathe vapour/spray

S51 : Use only in well-ventilated areas.

### 15.2 Additional Rules to Characterize

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition – No smoking. Keep out of the reach of children.  
If ventilation is not sufficient, may form flammable/explosive vapour-air mixture.