


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 ³ (ppm)
Ethanol	1000 ml/m ³ (ppm)
Propane/butane	1000 ml/m ³ (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.