

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** Micro Airoma Pearl 100ml BAERO-10(Contains:3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde, Benzyl salicylate)

**Other identifiers:** RS 0591061/S18058-1/S22013-1

**Unique Formula Identifier (UFI):** PU81-Q0XY-G00R-AY60

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Aerosol Air Freshener,For Professional use only.

**Uses advised against:** Use only for intended applications

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Vectair Systems Ltd

**Company address:** Unit 3, Trident Centre, Armstrong Road, Basingstoke, Hampshire, RG24 8NU, UK

**Contact:** Product Development

**E-Mail address:** prod-dev@vectairsystems.com

**Company phone:** +44 (0) 1256 319500 (Office Hours 09:00 to 17:00)

**Responsible Person:** Royal Sanders

**Address:** Royal Sanders, Industriepark Vliedberg 12, 5251RG Vlijmen, The Netherlands

**Phone:** +31 (0) 73 5187 187

#### 1.4 Emergency telephone number

**Emergency phone:** [UK]111;[IE]+353 (0)1 809 2166;[BE]+32 (0)70 245 245;[BG]+359 (0)2 9154 233;[CZ]+420 224 919 293/+420 224 915 402;[DK]+45 8212 1212;[AT]+43 (0)1 406 43 43;[GR]+30 210 779 3777; [ES]+34 91 562 04 20;[EE][LV][SI][SE]112;[FI]+358 (0)9 471 977;[FR]+33 (0)1 45 42 59 59; [HR]+385 (0)1 23-48-342;[HU]+36 (06) 80 201-199;[IS]+354 543 2222;[IT]0016506 68593726; [LT]+370 (8)5 236 20 52/+370 (8)6 875 33 78;[NL]+31 (0)30 274 8888;[NO]+47 22 59 13 00; [PT]800 250 250;[RO]+40 (0)21 318 36 06;[SK]+421(0)254774166

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Flammable Aerosol, Hazard Category 1  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 3  
H222, Extremely flammable aerosol.  
H229, Pressurised container: May burst if heated.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

H412, Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Classification under Regulation (EC) No 1272/2008

**Signal word:** Danger.

**Hazard statements:** H222, Extremely flammable aerosol.  
H229, Pressurised container: May burst if heated.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

**Supplemental Information:** EUH208, Contains 2-Methyl-3-(p-isopropylphenyl)propionaldehyde, Acetyl cedrene, Geraniol, Hydroxycitronellal, Linalool, alpha-Hexylcinnamaldehyde. May produce an allergic reaction.

**Precautionary statements:** P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
P211, Do not spray on an open flame or other ignition source.  
P251, Pressurised container: Do not pierce or burn, even after use.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P410/412, Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



### 2.3 Other hazards

**Other hazards:** Sensitisers declared on a CLP Hazard Label: 2-Methyl-3-(p-isopropylphenyl)propionaldehyde, Acetyl cedrene, Geraniol, Hydroxycitronellal, Linalool, alpha-Hexylcinnamaldehyde  
Hydrocarbon Concentration %: 0.0000%

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

##### Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Ethyl alcohol	64-17-5	200-578-6		10-<20%	Flam. Liq. 2-Eye Irrit. 2; H225-H319,-	
Isopropyl alcohol	67-63-0	200-661-7		5-<10%	Flam. Liq. 2-Eye Irrit. 2-STOT SE 3;H225-H319-H336,-	
Benzyl salicylate	118-58-1	204-262-9		1-<5%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-	oral: ATE = 2227 mg/kg bw
Hydroxycitronellal	107-75-5	203-518-7		0.1-<1%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-	
Geraniol	106-24-1	203-377-1		0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318,-	oral: ATE = 3600 mg/kg bw
Acetyl cedrene	32388-55-9	251-020-3		0.1-<1%	Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 1;H317-H410,-	M = 1-M = 1-oral: ATE = 4500 mg/kg bw
alpha-Hexylcinnamaldehyde	101-86-0, 165184-98-5	202-983-3, 639-566-4		0.1-<1%	Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H317-H400-H411,-	M = 1-oral: ATE = 3100 mg/kg bw
Linalool	78-70-6	201-134-4		0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	oral: ATE = 2790 mg/kg bw
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	31906-04-4	250-863-4		0.1-<1%	Skin Sens. 1A;H317,-	
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	103-95-7	203-161-7		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3; H315-H317-H412,-	oral: ATE = 3810 mg/kg bw
Phosphoric acid, 2-ethylhexyl ester (Hostaphat MDAH)	12645-31-7	235-741-0		0.1-<1%	Skin Corr. 1B;H314,-	

##### Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Butane	106-97-8	203-448-7		20-<50%	Flam. Gas 1-Press. Gas;H220-H280,-	
Dipropylene glycol (isomer unspecified)	25265-71-8	246-770-3		1-<5%	-;-,-	
Ethyl alcohol	64-17-5	200-578-6		10-<20%	Flam. Liq. 2-Eye Irrit. 2; H225-H319,-	
Isopropyl alcohol	67-63-0	200-661-7		5-<10%	Flam. Liq. 2-Eye Irrit. 2-STOT SE 3;H225-H319-H336,-	
Propylene glycol	57-55-6	200-338-0		5-<10%	-;-,-	

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

**Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:**

Not Applicable

**Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:**

Not Applicable

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion:** Rinse mouth with water and obtain medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

### Section 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 7.3 Specific end use(s):

Aerosol Air Freshener, For Professional use only.: Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

Workplace exposure limits:

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

Ingredient	CAS	EC	Description	Value
Butane	106-97-8	203-448-7	UK WEL Long term ppm	1450 ppm
			UK WEL Long term mgm3	600 mg/m <sup>3</sup>
			UK WEL Short term ppm	1810 ppm
			UK WEL Short term mgm3	750 mg/m <sup>3</sup>
Dipropylene glycol (isomer unspecified)	25265-71-8	246-770-3	German OEL Long term mgm3	100 mg/m <sup>3</sup>
Ethyl alcohol	64-17-5	200-578-6	UK WEL Long term ppm	1000 ppm
			UK WEL Long term mgm3	1920 mg/m <sup>3</sup>
Isopropyl alcohol	67-63-0	200-661-7	UK WEL Long term ppm	999 ppm
			UK WEL Long term mgm3	400 mg/m <sup>3</sup>
			UK WEL Short term ppm	1250 ppm
			UK WEL Short term mgm3	500 mg/m <sup>3</sup>
Propylene glycol	57-55-6	200-338-0	UK WEL Long term ppm	474 ppm
			UK WEL Long term mgm3	150 mg/m <sup>3</sup>

### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

#### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

### Section 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Physical State/Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range:</b>	Not determined
<b>Flammability:</b>	Flammable
<b>Lower and upper explosion limit:</b>	Not determined
<b>Flash point:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not relevant
<b>pH:</b>	Not determined Substance/mixture is non-soluble (in water)
<b>Kinematic viscosity:</b>	Not determined
<b>Solubility:</b>	Not determined
<b>Partition coefficient: n-octanol/water (log value):</b>	Not determined
<b>Vapour pressure:</b>	42.47088589 mmHg
<b>Density and/or relative density:</b>	Not determined
<b>Relative vapour density:</b>	Not determined
<b>Particle characteristics:</b>	Not determined

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

### 10.6 Hazardous decomposition products:

Not expected.

## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

### 11.2 Information on other hazards

Not Applicable

## Section 12. Ecological information

### 12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable

**12.7 Other adverse effects:** Not available



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN1950	AEROSOLS, FLAMMABLE	2.1	-	-
IMDG	UN1950	AEROSOLS, FLAMMABLE	2.1	-	-
ADR,RID,ADN	UN1950	AEROSOLS, FLAMMABLE	2.1	-	-
ICAO TI	UN1950	AEROSOLS, FLAMMABLE	2.1	-	-

**14.5 Environmental hazards:** Not environmentally hazardous for transport

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### Section 15. Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SDS Reference No.: SDS\_1201

Total % of high VP components (VOC): 25.5%

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** EDI 2=32.92% SS 1=50.00% EH C3=63.94%

**Total Fractional Values:** EDI 2=3.04 SS 1=2.00 EH C3=1.56

#### Key to revisions:

Information about hazardous ingredients in the mixture

SECTION 3: Composition/information on ingredients

Workplace exposure limits

#### Key to abbreviations:

Abbreviation	Meaning
--------------	---------

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 2	Flammable Liquid, Hazard Category 2
H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Micro Airoma Pearl 100ml BAERO-10

**Version:** 4

P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.