



## SAFETY DATA SHEET

### Micro Airoma Winter Warmer

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Micro Airoma Winter Warmer
Internal identification	BAERO-46
Container size	100mL
UFI	UFI: PP27-KYJ1-YY1Q-U4T0

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

Identified uses	Air freshener
Uses advised against	Use only for intended applications.

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

Supplier	Vectair Systems Ltd Unit 3, Trident Centre, Armstrong Road, Basingstoke, Hampshire, RG24 8NU, UK +44 1256 319500 emea.info@vectairsystems.com
Contact person	Product development
Manufacturer	Royal Sanders Industriepark Vliedberg 12 5251RG Vlijmen The Netherlands

##### 1.4. Emergency telephone number

Emergency telephone	Vectair Systems Ltd +44 1256 319500 (Office Hours 09:00am to 17:00pm)
National emergency telephone number	[UK] 111 NHS Direct (England/Wales 0845 46 47; NHS 24 Scotland 08454 24 24 24)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards	Aerosol 1 - H222, H229
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

Classification in accordance  
with Directive 1907/2006/EEC

##### 2.2. Label elements

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### Hazard pictograms



### Signal word

Danger

### Hazard statements

EUH208 Contains Eugenol, Cinnamaldehyde, Methyl cinnamate, alpha-Methylcinnamaldehyde. May produce an allergic reaction.  
 H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H319 Causes serious eye irritation.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>butane</b>			<b>30-60%</b>
CAS number: 106-97-8	EC number: 203-448-7		
<b>propane</b>			<b>10-30%</b>
CAS number: 74-98-6	EC number: 200-827-9		
<b>ethanol</b>			<b>10-30%</b>
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	
<b>isopropanol</b>			<b>5-10%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-XXXX	
<b>(2-Methoxymethylethoxy)propanol</b>			<b>5-10%</b>
CAS number: 34590-94-8	EC number: 252-104-2		
<b>Monopropylene glycol</b>			<b>5-10%</b>
CAS number: 57-55-6	EC number: 200-338-0	REACH registration number: 01-2119456809-23-XXXX	

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<b>isobutane</b>			<b>1-2.5%</b>
CAS number: 75-28-5	EC number: 200-857-2		
<b>Benzyl acetate</b>			<b>0.25-1%</b>
CAS number: 140-11-4	EC number: 205-399-7		
<b>Eugenol</b>			<b>0.25-1%</b>
CAS number: 97-53-0	EC number: 202-589-1		
<b>Cinnamaldehyde</b>			<b>0.25-1%</b>
CAS number: 104-55-2	EC number: 203-213-9		
<b>cis-2-tert-butylcyclohexyl acetate</b>			<b>0.25-1%</b>
CAS number: 20298-69-5	EC number: 243-718-1		
<b>alpha-Methylcinnamaldehyde</b>			<b>0.25-1%</b>
CAS number: 101-39-3	EC number: 202-938-8		
<b>Methyl cinnamate</b>			<b>&lt;0.25%</b>
CAS number: 103-26-4	EC number: 203-093-8		
<b>2,6-Dimethyloct-7-en-2-ol</b>			<b>&lt;0.25%</b>
CAS number: 18479-58-8	EC number: 242-362-4		
<b>Hostaphat MDAH</b>			<b>&lt;0.25%</b>
CAS number: 12645-31-7	EC number: 235-741-0	REACH registration number: 01-2119896587-13-XXXX	
<b>benzyl benzoate</b>			<b>&lt;0.25%</b>
CAS number: 120-51-4	EC number: 204-402-9		
<b>Dimethylcyclohex-3-ene-1-carbaldehyde</b>			<b>&lt;0.25%</b>
CAS number: 27939-60-2	EC number: 248-742-6		
<b>Coumarin</b>			<b>&lt;0.25%</b>
CAS number: 91-64-5	EC number: 202-086-7		
<b>3-(4-tert-butylphenyl)propionaldehyde</b>			<b>&lt;0.25%</b>
CAS number: 18127-01-0	EC number: 242-016-2		
<b>Methylenedioxyphenyl methylpropanal</b>			<b>&lt;0.25%</b>
CAS number: 1205-17-0	EC number: 214-881-6		

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<b>Heliotropine</b>	<b>&lt;0.25%</b>
CAS number: 120-57-0	EC number: 204-409-7
<b>Ethyl methylphenylglycidate</b>	<b>&lt;0.25%</b>
CAS number: 77-83-8	EC number: 201-061-8
<b>Allyl heptanoate</b>	<b>&lt;0.25%</b>
CAS number: 142-19-8	EC number: 205-527-1
<b>Phenyl Propyl Alcohol</b>	<b>&lt;0.25%</b>
CAS number: 122-97-4	EC number: 204-587-6
<b>(R)-p-mentha-1,8-diene</b>	<b>&lt;0.25%</b>
CAS number: 5989-27-5	EC number: 227-813-5
<b>n-butyl acetate</b>	<b>&lt;0.25%</b>
CAS number: 123-86-4	EC number: 204-658-1
<b>alpha-iso-Methylionone</b>	<b>&lt;0.25%</b>
CAS number: 127-51-5	EC number: 204-846-3
<b>Diethyl phthalate</b>	<b>&lt;0.25%</b>
CAS number: 84-66-2	EC number: 201-550-6
<b>1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthyl)ethan-1-one</b>	<b>&lt;0.25%</b>
CAS number: 54464-57-2	EC number: 259-174-3
<b>p-t-Butyl-alpha-methylhydrocinnamic aldehyde</b>	<b>&lt;0.25%</b>
CAS number: 80-54-6	EC number: 201-289-8
<b>(E)-1-(2,6,6-trimethyl-1-cyclohex-3-enyl) but-2-en-1-one</b>	<b>&lt;0.25%</b>
CAS number: 57378-68-4	EC number: 260-709-8

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

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<b>Skin contact</b>	Rinse with water.
<b>Eye contact</b>	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Spray/mists may cause respiratory tract irritation.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk.
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### 6.2. Environmental precautions

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**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

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

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid discharge to the aquatic environment. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

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

**Storage precautions** Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Do not store near heat sources or expose to high temperatures.

**Storage class** Miscellaneous hazardous material storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure controls/Personal protection**

### 8.1. Control parameters

#### Occupational exposure limits

##### **ethanol**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

##### **(2-Methoxymethylethoxy)propanol**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>

Sk

##### **Monopropylene glycol**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

##### **Diethyl phthalate**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup>

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WEL = Workplace Exposure Limit.  
Sk = Can be absorbed through the skin.

### Ingredient

### 8.2. Exposure controls

#### Protective equipment



<b>Appropriate engineering controls</b>	Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.
<b>Eye/face protection</b>	Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
<b>Hand protection</b>	No specific hand protection recommended. Avoid contact with skin.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not known.
<b>pH</b>	Not applicable.
<b>Melting point</b>	< 0°C
<b>Initial boiling point and range</b>	Not known.
<b>Flash point</b>	< -60°C
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Extremely flammable
<b>Upper/lower flammability or explosive limits</b>	Upper flammable/explosive limit: 8.4 Vol % Lower flammable/explosive limit: 1.8 Vol %

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Vapour pressure	Not determined.
Vapour density	> 1 @ 101 kPa
Relative density	Not determined.
Bulk density	Not determined.
Solubility(ies)	Not determined.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not determined.

### 9.2. Other information

Volatile organic compound	This product contains a maximum VOC content of 6.51 %.
VOC Switzerland Content	6.17%

### Organic solvents

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated
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### 10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### IARC carcinogenicity

None of the ingredients are listed or exempt.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Reproductive toxicity - development

Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation

Spray/mists may cause respiratory tract irritation.

#### Ingestion

Due to the physical nature of this product, it is unlikely that ingestion will occur.

#### Skin contact

Repeated exposure may cause skin dryness or cracking.

#### Eye contact

Irritating to eyes.

#### Route of exposure

Ingestion Inhalation Skin and/or eye contact

#### Target organs

No specific target organs known.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

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### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Dispose of waste via a licensed waste disposal contractor.

## SECTION 14: Transport information

**General** As supplied, this product is consigned under the Limited Quantities provisions.

### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (ADN)** 1950

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (ADN)** AEROSOLS

### 14.3. Transport hazard class(es)

**ADR/RID class** 2.1

**ADR/RID classification code** 5F

**ADR/RID label** 2.1

**IMDG class** 2.1

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ICAO class/division 2.1

ADN class 2.1

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

#### National regulations

Health and Safety at Work etc. Act 1974 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
EH40/2005 Workplace exposure limits.  
The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

#### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Dangerous Preparations Directive 1999/45/EC.  
Dangerous Substances Directive 67/548/EEC.  
Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

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### EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

### SECTION 16: Other information

<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Eye Irrit. 2 - H319: : Calculation method. Aquatic Chronic 3 - H412: : Calculation method.
<b>Training advice</b>	Only trained personnel should use this material.
<b>Revision comments</b>	Revised formulation.
<b>Revision date</b>	10/06/2021
<b>Revision</b>	4
<b>Supersedes date</b>	16/03/2021
<b>SDS number</b>	5297
<b>Hazard statements in full</b>	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H319 Causes serious eye irritation. EUH208 Contains Eugenol, Cinnamaldehyde, Methyl cinnamate, alpha-Methylcinnamaldehyde. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.