



## SAFETY DATA SHEET FRESH AEROSOL - WILD BERRIES

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

#### 1.1. Product identifier

Product name	FRESH AEROSOL - WILD BERRIES
Product number	C053 EV
Internal identification	Janitorial

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

Identified uses	Aerosol deodoriser
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	UK Supplier:	EU Supplier:
	Evans Vanodine International plc Brierley Road, Walton Summit, Preston. UK. PR5 8AH Tel: 01772 322 200 e-mail: productcompliance@evansvanodine.co.uk	Evans Vanodine Europe 6-9 Trinity Street, Dublin 2. D02 EY47. Republic of Ireland.

#### 1.4. Emergency telephone number

Emergency telephone	New Safety Data Sheets - 01772 322 200 - Mon to Thur 8.30am to 4.30pm - Fri 8.30am to 1.30pm. (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) For Technical Advice about this SDS - 01772 318 818 - Mon to Thu 8.30am to 4.45pm - Fri 8.30am to 1.30pm
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### SECTION 2: Hazards identification

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

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

Physical hazards	Aerosol 1 - H222, H229
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated.

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<b>Precautionary statements</b>	P102 Keep out of reach of children.
	P260 Do not breathe spray.
	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 local regulations.	

**Contains** BUTANE

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. CAUTION: Use only as directed. AEROSOL: Spraying in a horizontal or inverted position may release flammable propellant. Deliberate inhalation abuse could be fatal in extreme cases. Cans may rupture if heated to excess. Direct eye contact may cause irritation.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>BUTANE</b>	<b>60-100%</b>
CAS number: 106-97-8	EC number: 203-448-7
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas	
<b>ETHANOL</b>	<b>5-10%</b>
CAS number: 64-17-5	EC number: 200-578-6
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments** The ingredients are present in non-hazardous to health concentrations.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash with plenty of water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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

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

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<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. But - May cause discomfort if swallowed.
<b>Skin contact</b>	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
<b>Eye contact</b>	No specific symptoms known. Prolonged contact may cause redness and/or tearing.

### **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>	Extinguish with the following media: Use foam, carbon dioxide, dry powder or water fog to extinguish.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. May explode when heated or when exposed to flames or sparks.
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### **5.3. Advice for firefighters**

<b>Special protective equipment for firefighters</b>	Keep containers cool by spraying with water to reduce explosion risks. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. No smoking, sparks, flames or other sources of ignition near spillage. No special protective clothing. (See Sec 8)
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Small Spillages: Flush contaminated area with plenty of water. Large Spillages: Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8.
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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

<b>Usage precautions</b>	Eliminate all sources of ignition. Avoid inhalation of vapours and spray/mists.
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### **7.2. Conditions for safe storage, including any incompatibilities**

<b>Storage precautions</b>	Pressurised container: Must not be exposed to temperatures above 50°C.
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### **7.3. Specific end use(s)**

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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<b>Usage description</b>	See Product Information Sheet & Label for detailed use of this product.
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## FRESH AEROSOL - WILD BERRIES

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **BUTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

Carc

##### **ETHANOL**

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

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

Carc = Capable of causing cancer and/or heritable genetic damage.

#### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	This product must not be handled in a confined space without adequate ventilation.
<b>Eye/face protection</b>	None required.
<b>Hand protection</b>	Hand protection not required.
<b>Other skin and body protection</b>	None required.
<b>Respiratory protection</b>	Respiratory protection not required.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Fine Aerosol.
<b>Colour</b>	Colourless.
<b>Odour</b>	Wild Berries
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	< 0°C . Measured using test method, Closed cup.
<b>Vapour pressure</b>	3 bar @ 20°C
<b>Relative density</b>	0.580 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.

#### 9.2. Other information

<b>Other information</b>	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

<b>Stability</b>	No particular stability concerns.
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### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** See sections 10.1,10.4 & 10.5

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 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.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Cans may rupture in a fire with the release of flammable propellant.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

**Other health effects** Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract. Deliberate inhalation abuse could prove fatal in extreme circumstances.

**Acute and chronic health hazards** Deliberate inhalation abuse could prove fatal in extreme cases.

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. No chlorofluorocarbons (CFC's) are present.

### 12.1. Toxicity

**Toxicity** We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

### 12.2. Persistence and degradability

**Persistence and degradability** This product, at use dilutions, is readily broken down in biological effluent treatment plants.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

**Mobility** Not known.

### 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** Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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**Disposal methods** Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Dispose of waste via a licensed waste disposal contractor.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS

#### 14.3. Transport hazard class(es)

ADR/RID class	5F
IMDG class	Class 2.1: Flammable Gases.
ICAO class/division	Class 2: Gases; Compressed, liquefied or dissolved under pressure.

#### Transport labels



#### 14.4. Packing group

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

EmS	F-D, S-U
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 relevant. for a packaged product.

### SECTION 15: Regulatory information

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

**EU legislation** Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).  
The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.  
Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.  
EC Aerosol Directive.

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>PBT: Persistent, Bioaccumulative and Toxic substance.  vPvB: Very Persistent and Very Bioaccumulative.  ATE: Acute Toxicity Estimate.  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  IMDG: International Maritime Dangerous Goods.  ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  GHS: Globally Harmonized System.</p>
<b>Classification abbreviations and acronyms</b>	<p>Aerosol = Aerosol  Eye Irrit. = Eye irritation  Flam. Gas = Flammable gas  Press. Gas (Comp.) = Gas under pressure: Compressed gas</p>
<b>General information</b>	<p>AEROSOL CAUTION: Pressurised container. Protect from sunlight. 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 out of the reach of children. Keep away from sources of ignition - no smoking.</p>
<b>Key literature references and sources for data</b>	<p>Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&amp;L Inventory database.</p>
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	<p>Calculation Method.</p>
<b>Revision comments</b>	<p>Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&amp;16)</p>
<b>Revision date</b>	<p>01/08/2017</p>
<b>Revision</b>	<p>Issue 6</p>
<b>SDS status</b>	<p>The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.</p>
<b>Hazard statements in full</b>	<p>H220 Extremely flammable gas.  H222 Extremely flammable aerosol.  H225 Highly flammable liquid and vapour.  H229 Pressurised container: may burst if heated.  H319 Causes serious eye irritation.</p>