

## **SAFETY DATA SHEET**

### **SECTION 1. IDENTIFICATION OF THE MIXTURE AND COMPANY**

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**1.1** Karium Magnolia Flower & Geranium APD Spray

**1.1.1 Product Reference**  
**HDR353739**

**1.2** The mixture is used as a Personal Care Product.

**1.3 Manufacturer/Distributor:**  
Swallowfield plc  
Station Road  
Wellington  
Somerset  
TA21 8NL  
UK

**1.4 Emergency Telephone:**  
+44 (0) 1823 652 333 (24 hours)  
**email:**  
sales@swallowfield.com

### **SECTION 2: HAZARD IDENTIFICATION**

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**2.1** Classification of the mixture

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

Flammable Aerosol Category 1

**2.2** Label elements

**Labelling (Regulation (EC) No 1272/2008)**



**Signal Word**  
Danger

**Hazard statement**  
H222 Extremely flammable aerosol  
H229 Pressurised container: May burst if heated

**Precautionary Statements**  
P102 Keep out of reach of children

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.

P211 Do not spray on open flame or other ignition source

P251 Do not pierce or burn, even after use.

P410 + 412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

### 2.3 Supplemental Hazard Statements

None

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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### 3.1 Substances

Not applicable

### 3.2 Mixtures

Ingredient Name	CAS Number	% (w/w)	Classification to 1272/2008 & Hazard phrases
Butane	106-97-8	>20.0% - ≤50.0%	Flammable Gases Category 1, H220
Isobutane	75-28-5	>20.0% - ≤50.0%	Flammable Gases Category 1, H220
Propane	74-98-6	>10.0% - ≤20.0%	Flammable Gases Category 1, H220
Parfum (Fragrance)	-	>1.0% - ≤5.0%	Skin irritation Category 2, H315 Skin Sensitiser Category 1, H317 Eye damage Category 1, H318 Aquatic Chronic Category 2, H411

For the full text of the H- & P-Statements mentioned in this Section, see Section 16.

## SECTION 4: FIRST AID MEASURES

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### 4.1 First Aid Instructions

**General:** If symptoms persist, call a Doctor.

**Eyes:** If this product comes in contact with eyes: Wash out immediately with water. If irritation continues seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin:** If skin or hair contact occurs: Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

**Ingestion:** Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Inhalation:** If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

#### 4.2 Symptoms and effects, both acute and delayed

**Inhaled:** The material may produce adverse health effects or irritation of the respiratory tract. Good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

**Ingestion:** Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.

**Skin Contact:** The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

**Eye:** Although the product is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

**Chronic:** Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives); nevertheless, exposure by all routes should be minimised as a matter of course.

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### SECTION 5: FIRE FIGHTING MEASURES

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#### 5.1 Extinguishing Media

**Suitable:** Water spray jet, powder, foam, carbon dioxide.

**Unsuitable:** No full water jet.

#### 5.2 Special Hazards

Vapours/aerosols can form an explosive mixture with air. Heat causes increase in pressure and risk of bursting.  
If heated to decomposition may release CO<sub>x</sub> and complex hydrocarbons.  
Be aware of possible violent rupture of containers involved in fire.

#### 5.3 Advice to firefighters

Cool endangered containers or product with water spray jet.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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#### 6.1 Personal Precautions:

Wear appropriate protective clothing.

Wear respiratory protection.

Eliminate all sources of ignition.

#### 6.2 Environmental Precautions

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

Environmental Precautions: Prevent the material from entering drains or water courses.  
Advise authorities if spillage has entered water course or sewer.

### 6.3 Methods and materials for containment and cleaning up

Spill response: Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

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## SECTION 7: HANDLING AND STORAGE

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### 7.1 Precautions for safe handling

Avoid contact with eyes.

### 7.2 Conditions for safe storage

Storage area should be dry, well ventilated and cool.

Store away from sources of heat / ignition.

Product must be stored below 50°C.

Storage and transfer equipment should be adequately earthed and bonded to prevent the accumulation of static charges.

### 7.3 Specific end use

Product is designed as a Personal Care Product for home use and is safe when used in accordance with manufacturer's instructions.

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## SECTION 8: CONTROL PARAMETERS

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### 8.1 Control Parameters

UK EH40 WEL

Component	Cas No.	Workplace Exposure Limits			
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit (15-minute reference period)	
		ppm	mg.g <sup>-3</sup>	ppm	mg.m <sup>-3</sup>
Butane	106-97-8	600	1450	750	1810

### 8.2 Exposure Controls

#### 8.2.1 Appropriate engineering controls

Ventilation: Keep area well ventilated.

#### 8.2.2 Personal Protection:

Eye Protection:

Keep eyes protected from direct exposure.

Skin Protection:

Minimal risk of harm through skin contact.

Respiratory Protection:

Respiratory protection if there is a risk of exposure to high vapour concentrations.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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(a) Appearance:

Aerosol

(b) Colour:

Characteristic

(c) Odour:

As standard

(d) Odour threshold	Not determined
(e) pH	Not Applicable
(f) Melting Point	Not determined
(g) Initial Boiling Point and boiling range	Not determined
(h) Flash Point	Not determined
(i) Evaporation rate	Not Applicable
(j) Flammability	Extremely Flammable
(k) Upper/lower flammability or explosive limits	Not determined
(l) Vapour pressure	Not determined
(m) Vapour density	Not determined
(n) Specific gravity @25°C	Not determined
(o) Solubility	Not determined
(p) Partition coefficient n-octanol/water	Not Applicable
(q) Auto-ignition Temperature	Not Applicable
(r) Decomposition temperature	Not determined
(s) Viscosity	Not determined
(t) Solids content	Not determined
(u) Water	Not determined

## SECTION 10: STABILITY AND REACTIVITY

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### 10.1 Reactivity

Mixture is not reactive

### 10.2 Chemical stability

Mixture is stable under normal conditions

### 10.3 Possibility of hazardous reactions

Mixture is unlikely to undergo any hazardous reactions

### 10.4 Conditions to avoid

If ventilation is not sufficient, may form flammable/explosive vapour-air-mixture.

Heat causes increase in pressure and risk of bursting.

Pressurised container: protect from sunlight and do not expose to temperatures above 50°C.

Do not pierce or burn, even after use.

### 10.5 Incompatible materials

Strong acids or alkalis

Oxidising agents

### 10.6 Hazardous decomposition products

Oxides of carbon

Complex hydrocarbons

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

**Acute Toxicity**

Not determined

**Skin corrosion/irritation**

Not determined

**Serious eye damage/eye irritation**

Not determined

**Respiratory or skin sensitisation**

Not determined

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeat exposure**

No data available

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## SECTION 12: ECOLOGICAL INFORMATION

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### 12.1 Toxicity

**Toxicity to fish** Mortality LC50 - Salmo gairdneri - not determined  
Method OECD Test Guideline 203

**Toxicity to Daphnia and other aquatic invertebrates**

Immobilisation EC50 - Daphnia magna (Water flea) - not determined

### 12.2 Persistence and degradability

Biodegradability Biotic/Aerobic - not determined. Ingredients are biodegradable.

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

Biochemical Oxygen Demand (BOD) Not determined

Chemical Oxygen Demand (COD) Not determined

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### SECTION 13: DISPOSAL CONSIDERATIONS

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#### 13.1 Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Dispose of in accordance with local regulations.

Waste code of container with content: 160505

##### Contaminated packaging

Dispose of as unused product.

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### SECTION 14: TRANSPORT INFORMATION

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#### 14.0 UN No: 1950

Aerosols flammable

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

Class: 2 Classification Code: 5F Letter: 2.1

Special Rules: 190, 327, 344, 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.

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### SECTION 15: REGULATORY INFORMATION

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This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008

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

Aerosol Dispenser Directive - 2008/47/EC

#### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

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### SECTION 16: OTHER INFORMATION

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#### Pictogram

Flame

#### Signal Word

Danger

**Hazard statements**

- H220 Extremely flammable gas
- H222 Extremely flammable aerosol
- H229 Pressurised container: May burst if heated
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H411 Toxic to aquatic life with long-lasting effects

**Precautionary Statements**

- P102 Keep out of reach of children
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.
- P211 Do not spray on open flame or other ignition source
- P251 Do not pierce or burn, even after use.
- P410 + 412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

**Supplemental Hazard Statements**

None

**Reference No: HDR353739**

Signed: \_\_\_\_\_



*Mark Richard Bowes-Cavanagh BSc (Hons) App. Chem CSci CChem MRSC*

Date: \_\_\_\_\_ 08 March 2019 \_\_\_\_\_

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