

# SAFETY DATA SHEET

## Gel Air Freshener (Flower Fresh)

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

**1.1 Product identifier**

Gel Air Freshener (Flower Fresh)

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

Air Freshener

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

Mulberry Innovations Ltd  
Markays House  
Gordon Road  
Waltham Abbey  
Essex, EN9 1AF  
[info@mulberry-innovations.com](mailto:info@mulberry-innovations.com)

**1.4 Emergency telephone number**

**In case of emergency** +44 (0)20 8123 0115 (Mon - Fri 8am to 5pm)

### SECTION 2: Hazards Identification

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) no. 1272/2008 [CLP/GHS]**

Not classified as hazardous

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Not classified as hazardous

**2.2 Label elements**

Not classified as hazardous

P102 Keep out of reach of children

P333 + P313 If skin irritation or rash occurs, get medical attention

**2.3 Other hazards**

No known hazards. However, the product must be used in accordance with instructions for use.

**SECTION 3: Composition****3.1 Substances**

Not applicable, the product is a mixture.

**3.2 Mixtures**

Ingredient	EC	%	Classification	
α-hexylcinnamaldehyde	202-983-3	0.5	R38 R43	Skin Irrit. 2; H315 Skin Sens. 1; H317
Coumarin	202-086-7	< 0.1	T R23, R24, R25 Xi R43 N R51/53	Acute Tox. 3; H301, H311, H331 Skin Sens. 1; H317 Aquatic Chronic 2 H411
Non hazardous ingredients, including water and glycol		To 100%	Not classified	Not classified

**SECTION 4: First Aid Measures****4.1 Description of first aid measures**

EYE CONTACT: Rinse cautiously with water for several minutes. Seek medical attention if irritation arises.

INHALATION: Seek medical attention if symptoms arise relating to allergic reaction.

SKIN CONTACT: Wash with soap and water. If irritation or rash develops, seek medical attention.

INGESTION: Rinse mouth with water and drink cup of water. If continued discomfort, seek medical attention

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

INGESTION: Local slight irritation to mouth and gastrointestinal tract

INHALATION: No known symptoms, but with all natural fragrances, may aggravate asthmatic condition with sensitised individuals

EYES: Discomfort and irritation

SKIN: May cause an allergic reaction in sensitive individual such as itching or redness

**4.3 Indication of any immediate medical attention and special treatments needed**

Dilute affected areas. No special medical treatment needed

**SECTION 5: Firefighting Measures****5.1 Extinguishing media**

Product will not support combustion

Carbon dioxide, water spray, foam, dry chemical for small fires, foam or water spray for large fires (> 10 litres)

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

None

**5.3 Advice for fire fighters**

No special precautions.

**SECTION 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

For spillage of bulk material or large quantities > 1 litre, gloves resistant to polar solvents and eye protection recommended. Avoid skin contact.

**6.2 Environmental precautions**

No special precautions.

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

SMALL SPILLS (under 25 litres): Use absorbent material and place in a suitable container for disposal. Wash area with water and detergent.

LARGE SPILLS: (more than 25 litres): Use appropriate containment to avoid environmental contamination.. Contain the spill to prevent it from spreading, contaminating soil or entering sewage and drainage systems or any body of water. Inform the local water company if the release enters surface waters directly.

### 6.4 References to other sections

See section 8 for further advice on protective equipment and section 13 for further advice on disposal.

## SECTION 7: Handling and Storage

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### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. For handling bulk product, recommended to wear coveralls, gloves suitable for polar solvents and eye protection (See Section 8 for details)

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

Keep container tightly closed when not in use. Keep out of reach of children.

### 7.3 Specific end uses(s)

Use only as directed

## SECTION 8. Exposure Controls/Personal Protection

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### 8.1 Control parameters

#### Occupational Exposure limit values

#### *Dipropylene glycol*

Germany MAK: TWA 100mg/m<sup>3</sup>(inhalable fraction) ; Pregnancy risk group C

### 8.2 Exposure controls

#### Engineering controls

Normal room ventilation is adequate.

#### Respiratory protection

Not required for normal handling.

#### Hand Protection

In case of prolonged or repeated contact, wear gloves suitable for polar solvents. Change gloves in accordance with manufacturer's recommendations.

#### Eye protection

Eye protection recommended when handling bulk material or where spray and splashing may occur.

#### Skin protection

For handling bulk product, gloves suitable for polar solvents and coveralls recommended.

#### General Hygiene Considerations

Wash hands after handling. Launder contaminated clothing before reuse.

#### Environmental exposure controls

Precautions should be taken to avoid accidental release of bulk material to water courses.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance:</b>	Colourless – pale liquid / gel
<b>Odour:</b>	Floral
<b>Odour threshold:</b>	No data
<b>pH:</b>	Neutral
<b>Melting point:</b>	Liquid at 0°C
<b>Boiling point:</b>	Water boils > 100°C
<b>Flashpoint:</b>	Estimated > 93 °C (closed cup)
<b>Evaporation rate:</b>	< 0.01 (glycol)
<b>Flammability (solid, gas):</b>	Not applicable - liquid
<b>Upper/lower flammability limits:</b>	No data
<b>Vapour pressure:</b>	No data
<b>Vapour density</b>	Components > 1
<b>Relative density</b>	0.95
<b>Solubility in water:</b>	Will dissolve partly in water; soluble in polar solvents
<b>Solubility in other solvents:</b>	Components soluble in polar solvents
<b>Partition coefficient (log Kow)</b>	Some components soluble in Octanol, but Log Kow < 3
<b>Autoignition temperature</b>	No data
<b>Decomposition temperature</b>	> 100°C
<b>Viscosity</b>	More viscous than water
<b>Explosive properties</b>	No components classified as explosive
<b>Oxidising properties</b>	No components classified as oxidising

**9.2 Other information**

None

**SECTION 10: Stability and Reactivity****10.1 Reactivity**

Not known to be dangerously reactive.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation will not occur. Avoid contact with incompatible materials (see section 10.5)

**10.4 Conditions to avoid**

No special precautions.

**10.5 Incompatible materials**

Strong reducing agents and strong acids.

**10.6 Hazardous decomposition products**

None known.

**SECTION 11: Toxicological Information****11.1 Information on toxicological effects**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

<b>(a) acute toxicity</b>	Mixture estimated to be of low acute toxicity. Not classified.
<b>(b) skin corrosion/irritation</b>	Mixture estimated to be slightly irritant to skin, but not classified.
<b>(c) serious eye damage/irritation</b>	Mixture estimated to be slightly irritant to eyes, but not classified.
<b>(d) respiratory/skin sensitisation</b>	Contains potential skin sensitisers
<b>(e) germ cell mutagenicity</b>	None of the components are known to be mutagens.

<b>(f) carcinogenicity</b>	None of the components are classified as a carcinogen by IARC or U.S. ACGIH, NTP or OSHA.
<b>(g) reproductive toxicity</b>	This product does not contain known reproductive or developmental toxins.
<b>(h) STOT-single exposure</b>	None of the components are considered hazardous to organs and concentrations present in the mixture.
<b>(i) STOT-repeated exposure</b>	None of the components are considered hazardous to organs.
<b>(j) aspiration hazard</b>	Water based solution

## SECTION 12: Ecological Information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

### 12.1 Toxicity

None of the components are considered to be toxic to aquatic organisms at the concentrations present.

### 12.2 Persistence and degradability

The organic components are considered to be readily biodegradable.

### 12.3 Bioaccumulative potential

No components present considered to be potentially bioaccumulative.

### 12.4 Mobility in soil

Some components will adsorb onto soil, but will be biodegradable.

### 12.5 Results of PBT and vPvB assessment

None of the components have a potential to bioaccumulate or to persist.

### 12.6 Other adverse effects

None known

## SECTION 13: Disposal Considerations

### 13.1 Waste treatment methods

Recover and recycle product if possible. If recovery and recycling are not possible disposal to waste water treatment may be possible if in accordance with local regulations.

## SECTION 14: Transport Information

Not classified as dangerous goods, no labelling for transport is required

	ADR	IMDG	ICAO
14.1 UN Number	Not applicable	Not applicable	Not applicable
14.2 UN Proper shipping name	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)	Not applicable	Not applicable	Not applicable
14.4 Packing group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable
14.6 Special precautions for user	Not applicable	Not applicable	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

## SECTION 15: Regulatory Information

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

All components are listed as existing substances in Europe

### 15.2 Chemical Safety Assessment

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

Chemical safety assessment has been performed on some of the components that are registered under REACH and no concerns noted in respect to the intended use of this product.

## SECTION 16: Other Information

### Revision information:

This is a new SDS

### List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008

DSD Dangerous Substances Directive 67/548/EEC

DPD Dangerous Preparations Directive 1999/45/EC

EC European Commission

PBT Persistent, Bioaccumulative and Toxic

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006

vPvB very Persistent, very Bioaccumulative

### References

Source: European Chemicals Agency, <http://echa.europa.eu/>

### Method used for classification of mixtures:

Ingredient based approaches

R Phrases and H Statements used in Section 2 and/or 3

H301 Toxic if swallowed

H311 Toxic in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled

H411 Toxic to aquatic organisms with long lasting effects

R23 Toxic by inhalation

R24 Toxic in contact with skin

R25 Toxic if swallowed

R38 Irritating to skin

R43 May cause sensitisation by skin contact

R51/53 Toxic to aquatic organisms. May cause long lasting effects in the aquatic environment

### Training requirements for workers

No special training requirements.