

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

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

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

8.1 Control parameters

Occupational Exposure limit values

Dipropylene glycol

Germany MAK: TWA 100mg/m³(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

9.1 Information on basic physical and chemical properties

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

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

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