



PRODUCT SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of Substance or Preparation

Trade Name Airwick Freshmatic Automatic Spray and Refill Variants

Airwick Freshmatic "Citrus"
Airwick Freshmatic "Lavender"
Airwick Freshmatic "Mulled Wine"
Airwick Freshmatic "Freesia"
Airwick Freshmatic "Magnolia and Cherry"

Preparation Name Airwick Freshmatic "Citrus"
Airwick Freshmatic "Lavender"
Airwick Freshmatic "Mulled Wine"
Airwick Freshmatic "Freesia"
Airwick Freshmatic "Magnolia and Cherry"

Product Format Aerosol can in plastic sleeve with plastic device (with promotional free freesia variant)

1.2 **Use of the substance / preparation** Air Freshening

1.3 Company / Supplier Identification

Reckitt Benckiser UK
Delta Business Park
1200 Welton Road
Swindon
Wiltshire
SN5 7XZ

Tel: +44 (0)8457 697079

1.3.1 Distributor In Republic Of Ireland

F A Wyatt
Unit 9
Keypoint Business Park
Ballycoolin Road
Blanchards Town
Dublin 11

Tel: +353 (0) 166 173 18

2. COMPOSITION

The product contains the following components

BUTANE	20-40	R12	Einecs 270-704-2	Cas No. 106-97-8/72-28-5/74-98-6
ETHANOL	30-70%	R11	Einecs 200-578-6	Cas No. 64-17-5
FRAGRANCE	1-5%	SEE BELOW		

Key to R phrases

R11	Highly Flammable.
R12	Extremely Flammable.

CITRUS

The Citrus variant contains the following,

Raw material	CAS No.	EINECS	Classification	% in fragrance	% in final product
(3,7-Dimethyl-2,6-Octadienal (Citral))	5392-40-5	226-394-6	Xi:R38, R43	12.1444%	0.273%
Decanal	112-31-2	203-957-4	Xi:R38	5% Max	0.1125% Max
Octanal	124-13-0	204-683-8	Xi:R36/38	5% Max	0.1125% Max
3,7-Dimethyl-6-Octen-1-al	106-23-0	203-376-6	Xi N:R38, R43, R51/53	1.4%	0.0315%
3,7-Dimethyl-6-Octen-1-ol	106-22-9	203-375-0	Xi N:R38, R43, R51/53	1.4212%	0.03198%
Ethyl Tricyclo(5.2.1.0(2.6)) Decane-2-Carboxylate	80623-07-0	None	Xi N:R38, R51/53	1.4%	0.0315%
Butanoic Acid, 1,1-Dimethyl-2- Phenylethyl Ester	10094-34-5	233-221-8	N:R51/53	0.2%	0.0045%
4-(2,6,6-Trimethyl-1-Cyclohexen-1-yl)- 3-Buten-2-One	8013-90-9	None	N:R51/53	0.2%	0.0045%
(R)-P-Mentha-1,8-Diene (D-Limonene)	5989-27-5	227-813-5	Xi:R10,R38, R43,R50/53	37.1%	0.83475%

FREESIA

The Freesia fragrance contains the following

Raw material	CAS No.	EINECS	Classification	% in fragrance	% in final product
Oxycyclohexadecen-2-one	34902-57-3	422-320-3	R50	5% Max.	0.1125% Max
Benzoic acid	118-58-1	204-262-9	Xi:R43	4.3718%	0.0984%
Heptanal, 2-(phenylmethylene)	122-40-7	204-541-5	Xi N:R43-R51/53	4.3672%	0.098262%
[3-Cyclohexene-1-carboxaldehyde, 3 (or 4)-(4-hydroxy-4-methylpentyl)	130066-44-3	None	Xi:R43	5% Max.	0.1125% Max
Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl	80-54-6	201-289-8	Xn:R22-R43	4.3311%	0.09745%
Octanal, 2-(phenylmethylene)	101-86-0	202-983-3	Xi:R43	5% Max.	0.1125% Max
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)	54464-57-2	259-174-3	N R51/53	5% Max.	0.1125% Max
6-Octen-1-ol, 3,7-dimethyl	106-22-9	203-375-0	Xi N:R38,R43,R51/53	2.6103%	0.05874%
Benzeneethanol	60-12-8	200-456-2	Xi:R36	2.5%Max	0.05625% Max.
Terpineol	8000-41-7	232-268-1	Xi:R38	2.5% Max.	0.05625% Max.
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	63500-71-0	405-040-6	Xi:R36	2.5% Max.	0.05625% Max.
2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)	28219-61-6	248-908-8	Xi N:R38, R50/53	2.5% Max.	0.05625% Max.
4,7-Methano-1H-inden-5-ol, 3a,4,5,6,7,7a-hexahydro-, acetate	2500-83-6	219-700-4	R52/R53	2.5% Max	0.05625% Max.
1,3-Benzodioxole-5-propanal,					

.alpha.-methyl	1205-17-0	214-881-6	N:R51/R53	2.5% Max.	0.05625% Max.
Terpenes and Terpenoids, sweet orange oil	68647-72-3	304-454-3	Xn N:R10,R38,R50/53,R65	2.5% Max.	0.05625% Max.
Linalool	78-70-6	201-134-4	Xi;R38	24% Max	0.54% Max

3. HAZARDS IDENTIFICATION

3.1 Eye Contact

Spray contact may cause slight irritation

3.2 Skin Contact

Contact may cause irritataion/sensitisation

3.3 Inhalation

Except in cases of deliberate excessive inhalation, there are no known hazards with this product. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

3.4 Ingestion

The accidental ingestion of contents from an aerosol spray is rare and the quantities that might be swallowed are so small as to constitute a negligible risk.

3.5 Flammability

This product is extremely flammable. See also Sections 5, 6 and 7

4. FIRST- AID MEASURES

4.1 Eye Contact

Rinse thoroughly with cold water as soon as possible. If in any doubt obtain medical attention.

4.2 Skin Contact

If irritation should occur, the affected area should be thoroughly washed with soap and water.

4.3 Inhalation

Ensure that the airways are clear and unobstructed. keep warm and at rest, if there is any difficulty in breathing obtain medical attention urgently, give oxygen. If breathing stops, or shows signs of failing, apply mouth to mouth ventilation.

4.4 Ingestion

In view of the aerosol form of the product it is unlikely that sufficient would be ingested to give rise to toxicity by gastro-intestinal absorption.

5. FIRE- FIGHTING MEASURES

5.1 Specific Dangers

All aerosols are pressurised products and will eventually burst if exposed to very high temperatures, or if involved in a fire. They will then release the propellant gas which is extremely flammable (butane).

5.2 Extinguisher Type

In the event of a fire use Dry Powder, Foam or Water extinguisher.

6. ACCIDENTAL RELEASE MEASURES

See also Sections 8 and 13

Damaged or leaking aerosols should be removed immediately from their present location and stored separately in a safe place away from sources of ignition, preferably in the open. If a large quantity of aerosols are involved the manufacturer should be contacted in order to agree a safe method of disposal.

7. HANDLING AND STORAGE

7.1 Handling

No smoking.

The container should not be used in confined spaces particularly where it is likely that an ignition source will be present.

The product should not be sprayed directly onto food.

The product should be sprayed away from the body.

Do not spray on a naked flame or any incandescent material.

7.2 Storage

Containers should be kept out of reach of children.

Pressurised container: Protect from sunlight and do not expose to temperatures exceeding 50 deg C. Do not pierce or burn after use. Keep away from sources of ignition.

Fires involving aerosols with flammable contents are severe and can spread very quickly. Warehouses and stores containing aerosols should therefore be separated from other areas by fire-resisting construction of a least one half-hour duration. Stores should be well ventilated, particularly at low levels. The natural ventilation in a large open warehouse building will normally be suitable.

Avoid the storage of aerosols in basements where practicable.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

See also Section 7

8.1 Occupational Exposure Limits

The following limits are taken from the UK Document EH40 Occupational Exposure Limits.

Occupational Exposure Standards

Butane Long Term Exposure 1430 mg/cubic metre (600ppm) 8- hour Time weighted average value

Short Term Exposure 1780 mg/cubic metre (750ppm) 15 minute reference period

8.2 Engineering Controls

Do not breathe fumes/spray. Use only in well ventilated areas.

8.3 Personal Protective Equipment

This product does not require any personal protective equipment under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance	Pressurised aerosol
9.2 Odour	Perfumed, Characteristic
9.3 Density at 20°C	0.715-0.735g/ml at 25 Celsius
9.4 Internal Pressure	45 - 55psig at 25 °C

10. STABILITY AND REACTIVITY

10.1 Conditions to Avoid

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 deg C. Extremes of temperature can occur in motor cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn even after use. Do not spray on a naked flame, onto or near fire, or any incandescent material such as an electric fire.

10.2 Materials to Avoid

Do not mix with other household chemicals

10.3 Hazardous Decomposition Products

None known

11. TOXICOLOGICAL INFORMATION

See also Section 2 and 3

This product possesses no known toxicological hazards.

12. ECOLOGICAL INFORMATION

See also Sections 6,7,13 and 15

Butane is volatile/gaseous and will partition to the air phase. If released into the air it will disperse rapidly. Photochemical degradation in air will proceed at a moderate rate. Considered by the United Nations as "less important" in the formation of episodic ozone.

13. DISPOSAL CONSIDERATIONS

13.1 Consumer Instructions

Aerosol container may be disposed of with normal household waste. Do not pierce or burn after use. Protect from sunlight and do not expose to temperatures exceeding 50°C.

13.2 Bulk Quantities (Unsold stock)

Dispose of in accordance with local, regional or national requirements. For further information contact your local waste authority.

14. TRANSPORT INFORMATION

UN Number: UN1950
Description: Aerosols

International Transport

IMDG / Sea	
UN-Number	1950
Proper shipping name	AEROSOLS
Class	2
Subsidiary Risk	not applicable
Marine Pollutant	No
Special Provisions	63, 190, 277
Limited Quantity	1 L
EmS	F-D, S-U

Air: ICAO/IATA
Class 2.1, Aerosols, flammable

ADR / Land	
UN-Number	1950
Proper shipping name	AEROSOLS
Class	2
Classification Code	5F
Subsidiary Risk	not applicable
Special Provisions	190, 625
Limited Quantity	LQ 2

National transport regulations may apply.

15. REGULATORY INFORMATION

This product is classified as dangerous for supply in the EU as follows:

F+	Extremely Flammable
R12	Extremely Flammable
S2	Keep Out of Reach of Children
S16	Keep away from sources of ignition. No Smoking.
S23	Do not breathe spray
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S25	Avoid contact with eyes
S46	If swallowed, seek medical advice immediately and show this container or label Do not spray on a naked flame or any incandescent material Pressurised container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use.
S51	Use only in well-ventilated areas

The following Directives are relevant to the above classification and labeling of this product:

Council Directive 1999/45/EC of 31st May 1999 on the approximation of the law, regulations and administrative provisions of the member states relating to the classification, packaging and labeling of dangerous preparations.

Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers, as adapted for some technicalities by Commission Directive 94/1/EC of 6th January 1994.

Directive 99/45/EC is implemented in the UK by the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (as amended).

Fragrance variants are also classified in the following manner in addition to the above.

Citrus

Contains d-limonene, Citral. May produce an allergic reaction.

R52/53 - Harmful to aquatic organism. May cause long-term adverse effects in the aquatic environment

Freesia

Contains Hexyl Cinnamic aldehyde, Lyral. May produce an allergic reaction.

Lavender

No other classification

Magnolia

No other classification

Mulled Wine

No other classification

16. OTHER INFORMATION

Data sources used in the preparation of this Safety Data Sheet :
Raw material suppliers' Safety Data Sheets.

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which he or she remains the sole person responsible.

Safety data referring to: 99/45/EC, 1999/45/EC and 75/324/EEC

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Reason for revision: Addition of mulled wine variant