



Material Safety Data Sheet

Print Date:

05/17/2005

Revision Number: 0

Product code: SMART 3

Product name: Airwick® Freshmatic Automatic Spray (US)

Page 1 of 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Airwick® Freshmatic Automatic Spray (US)

Product Description: Automatic Aerosol Spray
Product Identifier: Various fragrances - Sparkling Citrus & Lavender
Item Number: 0033759 - Lavender, 0033754 - Citrus.
Formula Number: NA formula # 987-58A - Lavender, NA formula # 987-58B - Citrus.
Validation Date: 03/14/2005
Synonyms: Airwick® Automatic Spray
Chemical characterisation: Aerosol Air Freshener

Manufacturer: Reckitt Benckiser, Inc.
Morris Corporate Centre IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, N.J. 07054-0225

Emergency telephone number: 1-800-228-4722 (US)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside the U.S. and Canada (North America) Chemtrec call:703-527-3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

Exposure limits

Components	CAS-No	Weight %	ACGIH:	OSHA:
PROPELLANT BLEND 152 A HFC	75-37-6	30 - 40%		None
Isobutane	75-28-5	20 - 30%	800ppm TWA / 1900 mg/m ³	None
Fragrance	00-00-0	1 - 5%		None
Isopar M Solvent	64742-47-8	30 - 40%	= 200 mg/m ³ TWA application restricted to conditions in which there are negligible aerosol exposures	None

3. HAZARDS IDENTIFICATION

Emergency Overview

- DANGER: FLAMMABLE.
- CAUTION: May be harmful or fatal if swallowed.
 - WARNING: IRRITATING TO EYES
 - CAUTION: Contents under pressure
- DO NOT PUNCTURE OR INCINERATE CONTAINER.
- Do not expose to heat or store at temperatures above 50 oC (120oF) as container may burst.

Physico-chemical properties:

Extremely flammable.

KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

Skin contact: After contact with skin, wash immediately with plenty of water. If skin irritation persists, call a physician

Ingestion: Rinse mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING!

Eye contact: Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. If symptoms develop or persist seek medical advice.

Notes to physician: No information available.

Aggravated Medical Conditions: NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit www.inhalant.org.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam., Dry powder

Extinguishing media which must not be used for safety reasons: Water. Water spray.

Specific hazards: Extremely flammable. 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).

Unusual hazards: Move containers away from fire if possible and safe to do so. Use water spray to cool fire exposed containers. Provide shielding for personnel exposed to venting, rupturing or bursting containers.

Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Specific methods: No information available.

Flash point: No information available.

Autoignition temperature: No information available.

Flammability Limits in Air:

- lower No information available
- upper No information available

NFPA: Health: 2 Flammability: 3 Instability: 0
HMIS: Health: 2 Flammability: 3 Physical Hazard: 0

Key:
See also section 3

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation.

Environmental precautions: Do not allow material to contaminate ground water system.

Methods for cleaning up: Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments. Small spillages of up to 1 litre may be cleaned up with a mop or an absorbent cloth. Medium spills of up to 5 litres should be absorbed with sand, earth, sawdust or other inert material and transferred to a suitable container for disposal.

7. HANDLING AND STORAGE

Handling: No special technical protective measures required. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn after use. Keep away from all sources of ignition. Fires involving aerosols with flammable contents are severe and can spread quickly. Warehouses or stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration. Stores should be well ventilated. The natural ventilation in a large open warehouse building will normally be suitable. Do not spray on a naked flame or any other incandescent material. KEEP OUT OF REACH OF CHILDREN.

Storage: Store in original container in areas inaccessible to small children and pets. Store in a secure, cool location, inaccessible to children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Engineering measures to reduce exposure: Ensure adequate ventilation.

Personal protective equipment



Respiratory protection: Self-contained breathing apparatus (SCBA).

Hand protection: None required under normal use conditions. Emergency responders should wear impermeable gloves.

Skin and body protection: None required under normal use conditions..

Eye protection: Avoid contact with eyes. Emergency responders should wear full eye and face protection .

Hygiene measures: Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance: No information available.

Colour: Clear spray, mist..

Odour: No information available.

pH: No information available.

Autoignition temperature: No information available.

Specific Gravity: Specific Gravity:

Density: No information available.

Bulk density: No information available.

Vapor density: not determined.

Vapour pressure: not determined.

Solubility: No information available.

VOC Content(%): No information available.

Explosion limits:

- upper: no data available.

- lower: no data available.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

polymerization: Hazardous polymerisation does not occur.

Hazardous decomposition products: Oxides of carbon and unknown organic compounds.

Materials to avoid: Do not mix with other household chemicals

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Extremes of temperatures can occur in cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn after use. Do not spray on a naked flame, onto or near a fire, or any incandescent material such as an electric fire. Do not expose to temperatures above 50°C (120°F)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

Product Information

LC50/inhalation/4h/rat = No information available.
LD50/dermal/rabbit = No information available.
LD50/oral/rat = No information available.

Local effects

Skin irritation: None expected during normal conditions of use.

Eye irritation: None expected during normal use. May cause eye irritation upon direct contact with eyes

Inhalation NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal.

Ingestion Health injuries are not known or expected under normal use

sensitisation Not expected to be a skin sensitiser

Chronic toxicity: No information available

Specific effects

carcinogenic effects: Not listed as carcinogenic by OSHA, NTP or IARC

mutagenic effects: No information available

Reproductive toxicity: No information available

Target Organ Effects: No information available

Information is based on data on the components and the toxicology of similar products

12. ECOLOGICAL INFORMATION

Product Information

Mobility: not applicable.

Bioaccumulative potential: not applicable.

Ecotoxicity effects: no data available.

Aquatic toxicity: No information available.

Component Information

PROPELLANT BLEND 152 A HFC

Ecotoxicity: No test data on the actual product

Isobutane

Ecotoxicity: No test data on the actual product

Fragrance

Ecotoxicity: No test data on the actual product

Isopar M Solvent

Ecotoxicity: No test data on the actual product

Other information

Ozone depletion potential; ODP; (R-11 = 1) = No information available.

Global warming potential (GWP) = No information available.

Additional ecological information: Information given is based on data on the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated packaging: not applicable.

14. TRANSPORT INFORMATION

UN/ID No: No information available

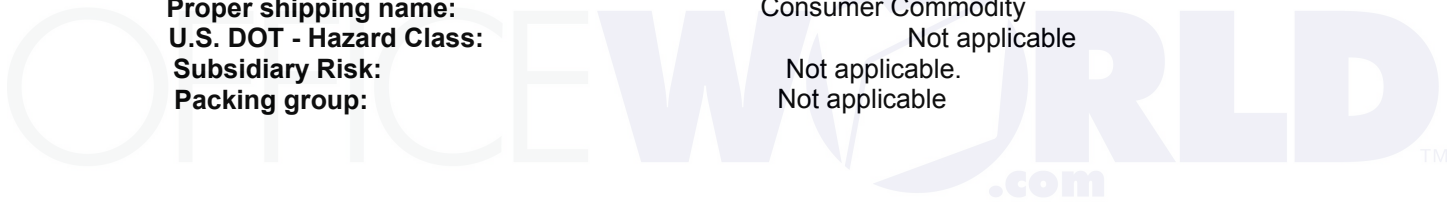
DOT:

Transport Regulation Logo:



Classification: Consumer Commodity ORM-D
Proper shipping name: Consumer Commodity
U.S. DOT - Hazard Class: Not applicable
Subsidiary Risk: Not applicable.
Packing group: Not applicable

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DOT RQ (lbs): Not regulated
 ERG No: 126

TDG (Canada):

Classification: Consumer Commodity
 Proper Shipping Name: Consumer Commodity/Limited Quantity/LTD.QTY
 Status: Not applicable
 Packing group: Not regulated

IMDG/IMO

Classification: UN 1950, Aerosols, Class 2.1, Limited Quantity
 Proper Shipping Name: Aerosols
 Class: 2
 Subsidiary Risk: Not regulated
 Packing group: Not applicable
 IMDG page: See IMDG List
 Marine pollutant: Not applicable.
 EmS: F-D, S-U
 MFAG: See Guide
 Maximum quantity: See IMDG Code

ADR/RID

Classification: Not regulated
 Proper Shipping Name: Not regulated
 Class: Not applicable.
 Subsidiary Risk: Not applicable
 Packing group: Not regulated
 ADR/RID-Labels: Not regulated
 HIN: Not applicable.
 CEFIC Tremcard No: Not applicable

ICAO/IATA:

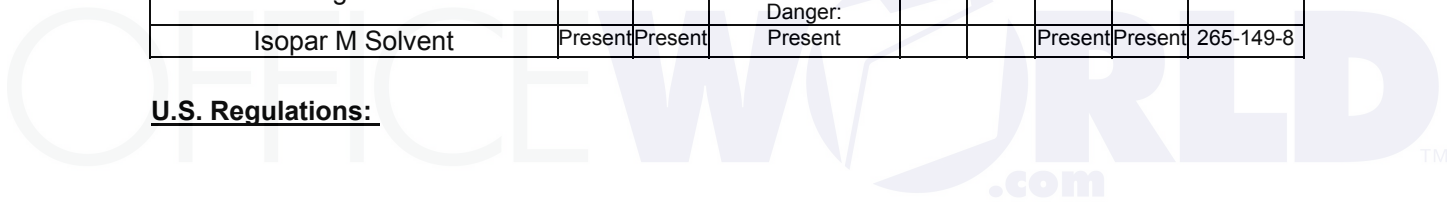
Classification: UN 1950, Aerosols, Flammable 2.1, Limited Quantity
 Proper Shipping Name: Aerosols, Flammable
 Class: 2
 Subsidiary Risk: Not applicable
 Packing group: Not regulated
 Maximum quantity: See IMDG Code

15. REGULATORY INFORMATION

International Inventories

Components	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
PROPELLANT BLEND 152 A HFC	Present	Present	Present		2-86	Present	Present	200-866-1
Isobutane	Present	Present	Present		2-4	Present	Present	200-857-2
Fragrance			Category of Danger:					
Isopar M Solvent	Present	Present	Present			Present	Present	265-149-8

U.S. Regulations:



75-37-6 (30 - 40%)

NJRTK:

sn 0715

75-28-5 (20 - 30%)

NJRTK:

sn 1040

Canada

WHMIS hazard class:

not determined.

16. OTHER INFORMATION

**National Fire Protection Association
(U.S.A.):**



**HMIS
(U.S.A.):**

Health Hazard	2
Fire Hazard	3
Reactivity	0
Personal Protection	A

Flammability rating:

3, per NFPA 30B

Reason for revision:

Not applicable.

**Additional
advice:**

Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

Prepared By:

Reckitt Benckiser
Regulatory, Safety & Environmental Services Homecare

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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