

## 1. Product and Company Identification

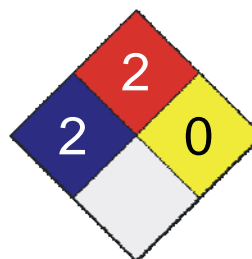
**Product Name** AIR WICK® Freshmatic - All Scents  
**CAS #** Mixture  
**This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the Canadian Workplace Hazardous Materials Information System (WHMIS).  
 This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.**

**Product Use** Air freshener

**Distributed by** Reckitt Benckiser (Canada) Inc.  
 1680 Tech Avenue Unit #2  
 Mississauga, ON L4W 5S9  
 In Case of Emergency: 1-800-338-6167  
 Transportation Emergencies: 24 Hour Number:  
 North America: CHEMTREC: 1-800-424-9300  
 Outside North America: 1-703-527-3887

| LEGEND<br>HMIS/NFPA |   |
|---------------------|---|
| Severe              | 4 |
| Serious             | 3 |
| Moderate            | 2 |
| Slight              | 1 |
| Minimal             | 0 |

|                     |     |
|---------------------|-----|
| Health              | / 2 |
| Flammability        | 2   |
| Physical Hazard     | 0   |
| Personal Protection | A   |



## 2. Hazards Identification

**Emergency Overview** DANGER: CONTENTS MAY BE HARMFUL. FLAMMABLE. CONTENTS MAY CATCH FIRE. CONTAINER MAY EXPLODE IF HEATED. MAY IRRITATE EYES. May be harmful if directly inhaled. May cause allergic reaction in some individuals. DO NOT spray towards face. Avoid contact with eyes and skin. DO NOT puncture or incinerate container. DO NOT expose to heat or store at temperatures above 49°C (120°F). DO NOT position near heat or electrical sources. DO NOT spray into open flame. DO NOT spray directly onto surfaces. Use in well-ventilated rooms away from sleeping areas.

KEEP OUT OF REACH OF CHILDREN AND PETS.

### Potential short term health effects

**Routes of exposure**

Eye, Skin contact, Inhalation, Ingestion.

**Eyes**

None expected during normal conditions of use.  
 May cause eye irritation upon direct contact with the eyes.

**Skin**

None expected during normal conditions of use.  
 May cause allergic reactions in some individuals.

**Inhalation**

None expected during normal conditions of use.

**Ingestion**

Health injuries are not known or expected under normal use.

**Target organs**

Eyes.

**Chronic effects**

The finished product is not expected to have chronic health effects.

**Signs and symptoms**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Potential environmental effects**

See section 12.

### 3. Composition/Information on Ingredients

| Ingredient(s)         | CAS #    | Percent |
|-----------------------|----------|---------|
| Proprietary fragrance | Mixture  | 1 - 5   |
| Butane                | 106-97-8 | 10 - 30 |
| Ethanol               | 64-17-5  | 40 - 70 |
| Propane               | 74-98-6  | 7 - 13  |

### 4. First Aid Measures

#### First aid procedures

**Eye contact**

In case of eye contact, IMMEDIATELY flush eyes thoroughly with water, remove any contact lenses and continue to flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**Skin contact**

If on skin, wash area with soap and water. Discontinue use IMMEDIATELY and get medical attention if a reaction develops.

**Inhalation**

Move to fresh air.

**Ingestion**

If swallowed, DO NOT induce vomiting. Call a physician or Poison Control Centre IMMEDIATELY. Never give anything by mouth to an unconscious person.

**Notes to physician**

Treat patient symptomatically.

**General advice**

Do not puncture or incinerate container. Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

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](http://www.inhalant.org).

### 5. Fire-fighting Measures

**Flammable properties**

Flammable by WHMIS criteria.

NFPA AEROSOL LEVEL: Flammability Rating 2, per NFPA 30B

**Extinguishing media****Suitable extinguishing media**

Dry chemical. Foam.

**Unsuitable extinguishing media**

Water. Water spray.

**Protection of firefighters****Specific hazards arising from the chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.

**Protective equipment for firefighters**

Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products**

May include and are not limited to: Oxides of carbon.

**Explosion data****Sensitivity to mechanical impact**

Not available

**Sensitivity to static discharge**

Not available

### 6. Accidental Release Measures

**Personal precautions**

Keep unnecessary personnel away.  
Floors may become slippery.  
Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

**Environmental precautions**

Do not discharge into lakes, streams, ponds or public waters.  
Advise authorities if product has penetrated drains, sewers or water pipes.

**Methods for containment**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).  
Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

## Methods for cleaning up

Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

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## 7. Handling and Storage

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### Handling

Ensure adequate ventilation.  
Do not breathe vapours or spray mist.  
Do not spray on a naked flame or any other incandescent material.  
Use good industrial hygiene practices in handling this material.  
When using do not eat or drink.  
Do not puncture or incinerate container.  
Wash hands before breaks and immediately after handling the product.

### Storage

DO NOT reuse batteries. Batteries contain 0%mercury/0%lead/0%cadmium.  
Do not store at temperatures above 49°C (120.2°F).  
Store in original container in a cool, secure area inaccessible to children and pets.  
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. Stores should be well ventilated. The natural ventilation in a large open warehouse building will normally be suitable.

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](http://www.inhalant.org).

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## 8. Exposure Controls / Personal Protection

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### Exposure limit values

#### Ingredient(s)

#### Exposure limit values

Butane

#### ACGIH-TLV

TWA: 1000 ppm

Ethanol

#### ACGIH-TLV

TWA: 1000 ppm

STEL: 1000 ppm

Propane

#### ACGIH-TLV

TWA: 1000 ppm

Proprietary fragrance

#### ACGIH-TLV

Not established

### Engineering controls

Provide adequate ventilation.

### Personal protective equipment

**Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.**

#### Eye / face protection

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

#### Hand protection

No special requirements under normal use conditions.  
Emergency responders should wear impermeable gloves.

#### Skin and body protection

Usual safety precautions while handling the product will provide adequate protection against injury or irritation.  
Follow label directions carefully.

#### Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.  
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

**General hygiene considerations** Avoid contact with skin, eyes and clothing.  
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

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## 9. Physical and Chemical Properties

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|   |                         |
|---|-------------------------|
| <b>Appearance</b>                                     | Spray                   |
| <b>Colour</b>   | Clear                   |
| <b>Form</b>   | Misty spray             |
| <b>Odour</b>  | Various                 |
| <b>Odour threshold</b>                                | Not available           |
| <b>Physical state</b>                                 | Gas                     |
| <b>pH</b>   | Not available           |
| <b>Freezing point</b>                                 | Not available           |
| <b>Boiling point</b>                                  | Not available           |
| <b>Pour point</b>                                     | Not available           |
| <b>Evaporation Rate</b>                               | Not available           |
| <b>Flash point</b>                                    | -84 °C (-119.20 °F) TCC |
| <b>Auto-ignition temperature</b>                      | Not available           |
| <b>Flammability limits in air, lower, % by volume</b> | Not available           |
| <b>Flammability Limits in Air, Upper, % by Volume</b> | Not available           |
| <b>Vapour pressure</b>                                | Not available           |
| <b>Vapour density</b>                                 | Not available           |
| <b>Specific gravity</b>                               | Not available           |
| <b>Octanol/water coefficient</b>                      | Not available           |

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## 10. Stability and Reactivity

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|   |  |
|---|--|
| <b>Reactivity</b>                         | DO NOT MIX WITH BLEACH or use in conjunction with other household products.  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation does not occur.   |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.   |
| <b>Conditions to avoid</b>                | Do not mix with other chemicals.<br>Keep away from open flames, hot surfaces and sources of ignition.<br>Protect from sunlight and do not expose to temperatures exceeding 50°C (120°F).<br>Extremes of temperatures can occur in cars and near ovens and fireplaces.<br>Do not place in contact with hot surfaces or near naked flames.<br>Do not spray on a naked flame, onto or near a fire, or any incandescent material such as an electric fire.<br>Do not pierce or burn after use. |
| <b>Incompatible materials</b>             | Caustics. Oxidizers. Acids.  |
| <b>Hazardous decomposition products</b>   | May include and are not limited to: Oxides of carbon.  |

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## 11. Toxicological Information

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### Component analysis - LC50

| <b>Ingredient(s)</b>  | <b>LC50</b>     |
|-----------------------|-----------------|
| Butane                | 658 mg/l/4h rat |
| Ethanol               | 31623 ppm rat   |
| Propane               | Not available   |
| Proprietary fragrance | Not available   |

**Component analysis - Oral LD50**

| <b>Ingredient(s)</b>  | <b>LD50</b>                      |
|-----------------------|----------------------------------|
| Butane                | Not available                    |
| Ethanol               | 3450 mg/kg mouse; 7060 mg/kg rat |
| Propane               | Not available                    |
| Proprietary fragrance | Not available                    |

**Effects of acute exposure**

|   |   |
|---|---|
| <b>Eye</b>  | None expected during normal conditions of use.<br>May cause eye irritation upon direct contact with the eyes. |
| <b>Skin</b>   | None expected during normal conditions of use.<br>May cause allergic reactions in some individuals.           |
| <b>Inhalation</b>                                   | None expected during normal conditions of use.  |
| <b>Ingestion</b>                                    | Health injuries are not known or expected under normal use.   |
| <b>Sensitisation</b>                                | The finished product is not expected to have chronic health effects.  |
| <b>Chronic effects</b>                              | The finished product is not expected to have chronic health effects.  |
| <b>Carcinogenicity</b>                              | The finished product is not expected to have chronic health effects.  |
| <b>Mutagenicity</b>                                 | The finished product is not expected to have chronic health effects.  |
| <b>Reproductive effects</b>                         | The finished product is not expected to have chronic health effects.  |
| <b>Teratogenicity</b>                               | The finished product is not expected to have chronic health effects.  |
| <b>Name of Toxicologically Synergistic Products</b> | Not available   |

**12. Ecological Information**

|  |   |
|--|---|
| <b>Ecotoxicity</b>   | See below   |
| <b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b> |   |
| Ethanol  | 64-17-5<br>96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through] |
| <b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>      |   |
| Ethanol  | 64-17-5<br>48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]   |
| <b>Persistence and degradability</b>                       | Not available   |
| <b>Bioaccumulation/accumulation</b>                        | Not available   |
| <b>Mobility in environmental media</b>                     | Not available   |
| <b>Environmental effects</b>                               | Not available   |
| <b>Aquatic toxicity</b>                                    | Not available   |
| <b>Partition coefficient</b>                               | Not available   |
| <b>Chemical fate information</b>                           | Not available   |
| <b>Other adverse effects</b>                               | Not available   |

**13. Disposal Considerations**

|  |   |
|--|---|
| <b>Disposal instructions</b>                 | Dispose in accordance with all applicable regulations.<br>Container disposal: Empty containers may be included with domestic refuse for disposal to a landfill. This container may also be recycled in communities where aerosol container recycling is available. Before offering for recycling, empty the can or use the product according to the label instructions. |
| <b>Waste from residues / unused products</b> | Not available   |
| <b>Contaminated packaging</b>                | Not available   |

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## 14. Transport Information

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### U.S. Department of Transportation (DOT)

UN 1950, Aerosols, Class 2.1, Limited Quantity

### Transportation of Dangerous Goods (TDG - Canada)

UN 1950, Aerosols, Class 2.1, Limited Quantity

### IMDG (Marine Transport)

UN 1950, Aerosols, Class 2.1, Limited Quantity

### IATA/ICAO (Air)

UN 1950, Aerosols, Flammable, Class 2.1, Limited Quantity or Consumer Commodity, ID 8000 if acceptable to airline

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## 15. Regulatory Information

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### Canadian federal regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Product Registration: Product is compliant with CCCR regulatory guidelines; a specific registration is not required for this product.

### Canada - CEPA - High Priority Chemicals as Identified by DSL Categorization

Butane 106-97-8 Batch 4, published November 17, 2007

### Canada - WHMIS - Ingredient Disclosure List

Butane 106-97-8 1 %  
Ethanol 64-17-5 0.1 %

### WHMIS classification

Exempt - Consumer product

### Inventory Status

| Country(s) or region | Inventory Name                      | On Inventory (Yes/No)* |
|----------------------|-------------------------------------|------------------------|
| Canada               | Domestic Substances List (DSL)      | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL) | No                     |

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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## 16. Other Information

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### Disclaimer

This product should only be used as directed on the label and for the purpose intended. 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.

### Further information

AIR WICK® Freshmatic - Cool Linen & White Lilac - 0249540v2.0  
AIR WICK® Freshmatic - Fresh Waters - 0240939v1.0  
AIR WICK® Freshmatic - Harvest Spice - 0240945v1.0  
AIR WICK® Freshmatic - Lavender & Chamomile - 0240946v2.0  
AIR WICK® Freshmatic - Odour Stop - Mountain Breeze - 0240941v1.0  
AIR WICK® Freshmatic - Papaya & Mango - 0240936v1.0  
AIR WICK® Freshmatic - Sparkling Citrus - 0240938v1.0  
AIR WICK® Freshmatic - Vanilla Passion - 0240942v1.0  
AIR WICK® Freshmatic - Glacier Bay Serene Waters (National Parks) - 0353192v1.0  
AIR WICK® Freshmatic - Hawaii Tropical Sunset (National Parks) - 0240940v1.0  
AIR WICK® Freshmatic - Virgin Islands Paradise Flowers (National Parks) - 0240943v1.0  
AIR WICK® Freshmatic - Fresh Snow & Sleigh Bells (Festive Moments) - 0210796v2.0  
AIR WICK® Freshmatic - Vanilla Sugar Cookies (Festive Moments) - 0240942v1.0  
AIR WICK® Freshmatic - Warm Apple Pie (Festive Moments) - 0240945v1.0

### Issue date

06-Dec-2012

### Effective Date

01-Dec-2012

### Expiry Date

01-Dec-2015

### Prepared by

Reckitt Benckiser Regulatory Department 800-333-3899

### Other Information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.