

## 1. Product and Company Identification

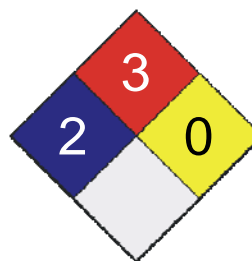
**Product Name** AIR WICK® Freshmatic Ultra - All Scents  
**CAS #** Mixture  
**This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).**  
**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  
 Morris Corporate Center IV  
 399 Interpace Parkway  
 P.O. Box 225  
 Parsippany, NJ 07054-0225  
 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 HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 2
Flammability	3
Physical Hazard	0
Personal Protection	B



## 2. Hazards Identification

**Emergency overview** CAUTION  
 EYE IRRITANT. CONTENTS UNDER PRESSURE.  
 May be harmful if directly inhaled. May cause allergic reaction in some individuals. DO NOT spray towards face or body. DO NOT get in eyes. Avoid contact with skin.  
 CONTAINER MAY EXPLODE IF HEATED. Do not puncture or incinerate container. DO NOT expose to heat or store at temperatures above 120°F (49°C). DO NOT position near heat or electrical sources. DO NOT spray into open flames. DO NOT spray directly onto surfaces. In case of contact with surfaces, wipe immediately with damp cloth. Use in well-ventilated rooms away from sleeping areas. For adult use only. Product is not a toy.

KEEP OUT OF REACH OF CHILDREN AND PETS.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.  
**Eyes** May cause eye irritation.  
**Skin** May cause skin irritation.  
 May cause allergic reaction in some individuals.  
**Inhalation** Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Ingestion** May be harmful if swallowed.  
**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.  
**OSHA Regulatory Status** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
**Potential environmental effects** This product has not been tested.

### 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Distillates (petroleum), light hydrotreated	64742-47-8	40 - 60
Propane	74-98-6	2.5 - 10
1,1-Difluoroethane	75-37-6	10 - 20
Butane	106-97-8	10 - 20
Proprietary fragrance	Mixture	1 - 2.5

### 4. First Aid Measures

#### First aid procedures

<b>Eye contact</b>	If in eyes, IMMEDIATELY rinse eyes with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.
<b>Skin contact</b>	If on skin, wash with soap and water. Discontinue use IMMEDIATELY and get medical attention if a reaction develops.
<b>Inhalation</b>	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. IMMEDIATELY call a Physician or Poison Control Center. Wash out mouth with water. 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

Extremely flammable. Exposure to temperatures above 49°C (120°F) may cause bursting. All aerosols are pressurized 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).

NFPA AEROSOL LEVEL: Flammability Rating 3, per NFPA 30B

#### Extinguishing media

**Suitable extinguishing media** Dry chemical. Foam.

**Unsuitable extinguishing media** Water.

#### 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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Shut off all sources of ignition.

#### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. 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.

## 7. Handling and Storage

**Handling**

Ensure adequate ventilation.  
 Pressurized 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.  
 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. Wash hands before breaks and immediately after handling the product. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists.

**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. Keep away from heat, open flames or other sources of ignition.  
 Do not reuse containers.  
 Keep containers tightly closed and upright to prevent leakage.  
 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).

## 8. Exposure Controls / Personal Protection

**Exposure limits**

Ingredient(s)	Exposure Limits
1,1-Difluoroethane	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Butane	<b>ACGIH-TLV</b> TWA: 1000 ppm <b>OSHA-PEL</b> Not established
Distillates (petroleum), light hydrotreated	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Propane	<b>ACGIH-TLV</b> TWA: 1000 ppm <b>OSHA-PEL</b> TWA: 1000 ppm
Proprietary fragrance	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> 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.

<b>Eye / face protection</b>	Avoid contact with eyes. Emergency responders should wear full eye and face protection.
<b>Hand protection</b>	No special requirements under normal use conditions. Emergency responders should wear impermeable gloves.
<b>Skin and body protection</b>	No special requirements under normal use conditions. Prolonged or frequent skin contact may produce an allergic reaction in some individuals.
<b>Respiratory protection</b>	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.
<b>General hygiene considerations</b>	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>	Misty spray
<b>Color</b>	Clear
<b>Form</b>	Aerosol
<b>Odor</b>	Various
<b>Odor 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>	Not available
<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>Vapor pressure</b>	Not available
<b>Vapor 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>	This product may react with strong acids.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals. Keep away from open flames, hot surfaces and sources of ignition. 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. Keep from freezing. Keep away from extreme heat. Exposure to moisture.

**Incompatible materials**

Caustics. Oxidizers. Acids.

**Hazardous decomposition products**

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

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## 11. Toxicological Information

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### Component analysis - LC50

Ingredient(s)	LC50
1,1-Difluoroethane	> 64000 ppm rat
Butane	658 mg/l/4h rat
Distillates (petroleum), light hydrotreated	5.2 mg/l/4h rat
Propane	658 mg/l/4h rat
Proprietary fragrance	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
1,1-Difluoroethane	1500 mg/kg rat
Butane	Not available
Distillates (petroleum), light hydrotreated	5000 mg/kg rat
Propane	Not available
Proprietary fragrance	Not available

### Effects of acute exposure

<b>Eye</b>	May cause eye irritation.
<b>Skin</b>	May cause skin irritation. May cause allergic reaction in some individuals.
<b>Inhalation</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Sensitization</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.

**Name of Toxicologically Synergistic Products** Not available

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## 12. Ecological Information

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**Ecotoxicity** This product has not been tested.

### Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Distillates (petroleum), light hydrotreated 64742-47-8 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 2.2 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 2.4 mg/L [static]

### Ecotoxicity - Water Flea - Acute Toxicity Data

Distillates (petroleum), light hydrotreated 64742-47-8 96 Hr LC50 Den-dronereides heteropoda: 4720 mg/L

<b>Persistence / 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

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## 13. Disposal Considerations

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<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations. 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

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## 15. Regulatory Information

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**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical**      Yes

**US Federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

**U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Flammable Substances**

1,1-Difluoroethane	75-37-6	10000 lb threshold quantity
Butane	106-97-8	10000 lb threshold quantity
Propane	74-98-6	10000 lb threshold quantity

**U.S. - CAA (Clean Air Act) - Greenhouse Gases (GHG) - Global Warming Potentials**

1,1-Difluoroethane	75-37-6	140 GWP
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**U.S. - CAA (Clean Air Act) - Reactivity Factors for VOCs in Aerosol Coatings**

1,1-Difluoroethane	75-37-6	0.00 G Ozone/g VOC Reactivity Factor
Butane	106-97-8	1.33 G Ozone/g VOC Reactivity Factor
Propane	74-98-6	0.56 G Ozone/g VOC Reactivity Factor

**U.S. - CAA (Clean Air Act) - SNAP Program Listing of Substitutes for ODSs**

1,1-Difluoroethane	75-37-6	Acceptable substitute for: 1, 2, 6
Butane	106-97-8	Acceptable substitute for: 6
Propane	74-98-6	Acceptable substitute for: 6, 7

**U.S. - CAA (Clean Air Act) - VOCs with Negligible Photochemical Reactivity**

1,1-Difluoroethane	75-37-6	Present
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**U.S. - CAA (Clean Air Act) - Volatile Organic Compounds (VOCs) in SOCMI**

1,1-Difluoroethane	75-37-6	Present
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**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard categories</b>	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No
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<b>Section 302 extremely hazardous substance</b>	No
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<b>Section 311 hazardous chemical</b>	No
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<b>Clean Water Act (CWA)</b>	Not available
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**State regulations**

This product is not subject to warning labeling under the California Proposition 65 regulation.

**U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances**

Butane	106-97-8	Present
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**U.S. - Massachusetts - Right To Know List**

1,1-Difluoroethane	75-37-6	Present
Butane	106-97-8	Present
Propane	74-98-6	Present

**U.S. - Minnesota - Hazardous Substance List**

Butane	106-97-8	Present
Propane	74-98-6	Simple asphyxiant

**U.S. - New Jersey - Right to Know Hazardous Substance List**

1,1-Difluoroethane	75-37-6	sn 0715
Butane	106-97-8	sn 0273
Propane	74-98-6	sn 1594

**U.S. - Pennsylvania - RTK (Right to Know) List**

Butane	106-97-8	Present
Propane	74-98-6	Present

**U.S. - Rhode Island - Hazardous Substance List**

Butane	106-97-8	Toxic; Flammable
Propane	74-98-6	Toxic; Flammable

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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 Ultra - Apple Cinnamon Medley - 0136160v4.0  
 AIR WICK® Freshmatic Ultra - Brigh Citrus Splash - 8078237v1.0  
 AIR WICK® Freshmatic Ultra - Cool Linen & White Lilac - 0207582v2.0  
 AIR WICK® Freshmatic Ultra - Fresh Waters - 0151361v3.0  
 AIR WICK® Freshmatic Ultra - Island Paradise - 0151362v3.0  
 AIR WICK® Freshmatic Ultra - Lavender & Chamomile - 0185599v2.0  
 AIR WICK® Freshmatic Ultra - Ocean Spray & Sparkling Sea Minerals - 0151361v3.0  
 AIR WICK® Freshmatic Ultra - Vanilla Indulgence - 0136168v4.0  
 AIR WICK® Freshmatic Ultra - American Samoa (National Parks) - 0228419v2.0  
 AIR WICK® Freshmatic Ultra - Denali (National Parks) - 0207582v2.0  
 AIR WICK® Freshmatic Ultra - Grand Canyon (National Parks) - 8032189v1.0  
 AIR WICK® Freshmatic Ultra - Gulf Islands (National Parks) - 0235683v2.0  
 AIR WICK® Freshmatic Ultra - Hawaii Tropical Sunset (National Parks) - 0353200v1.0  
 AIR WICK® Freshmatic Ultra - Pink Diamond (Blush Collection) - 0353197v1.0  
 AIR WICK® Freshmatic Ultra - Virgin Island Paradise Flowers (National Parks) - 0353197v1.0  
 AIR WICK® Freshmatic Ultra - Stolen Kiss (Blush Collection) - 0303779v2.0  
 AIR WICK® Freshmatic Ultra - Summer Crush (Blush Collection) - 0353200v1.0

**Issue date**

21-Mar-2013

**Effective date**

15-Mar-2013

**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.