

1. Product and Company Identification

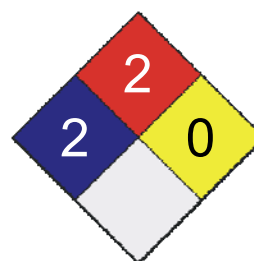
Product Name AIR WICK® Freshmatic - All Scents
CAS # Mixture
 This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the Canadian Workplace 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 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

Eyes

Eye, Skin contact, Inhalation, Ingestion.

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.

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.

7. Handling and Storage

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.

8. Exposure Controls / Personal Protection

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.

9. Physical and Chemical Properties

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

10. Stability and Reactivity

Reactivity	DO NOT MIX WITH BLEACH or use in conjunction with other household products.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	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 spray on a naked flame, onto or near a fire, or any incandescent material such as an electric fire. Do not pierce or burn after use.
Incompatible materials	Caustics. Oxidizers. Acids.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50

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

Component analysis - Oral LD50

Ingredient(s)	LD50
Butane	Not available
Ethanol	3450 mg/kg mouse; 7060 mg/kg rat
Propane Not	available
Proprietary fragrance	Not available
Effects of acute exposure	
Eye	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.
Sensitisation	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	The finished product is not expected to have chronic health effects.
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	See below	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data		
Ethanol	64-17-5	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]
Ecotoxicity - Water Flea - Acute Toxicity Data		
Ethanol	64-17-5	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]
Persistence and degradability	Not available	
Bioaccumulation/accumulation	Not available	
Mobility in environmental media	Not available	
Environmental effects	Not available	
Aquatic toxicity	Not available	
Partition coefficient	Not available	
Chemical fate information	Not available	
Other adverse effects	Not available	

13. Disposal Considerations

Disposal instructions	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.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

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

15. Regulatory Information

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)

16. Other Information

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 - Odour Stop - Tropical Escape - 0240940v1.0
AIR WICK® Freshmatic - Papaya & Mango - 0240936v1.0
AIR WICK® Freshmatic - Sparkling Citrus - 0240938v1.0
AIR WICK® Freshmatic - Spring Blossoms - 0240943v1.0
AIR WICK® Freshmatic - Vanilla Passion - 0240942v1.0
AIR WICK® Freshmatic - Glacier Bay Serene Waters (National Parks) - 0353192v1.0
AIR WICK® Freshmatic - Hawai'i Kaloko-Honokohau (National Parks) - 0240940v1.0
AIR WICK® Freshmatic - Hawaii Tropical Sunset (National Parks) - 0240940v1.0
AIR WICK® Freshmatic - Virgin Islands Paradise Flowers (National Parks) - 0240943v1.0
AIR WICK® Freshmatic - Vanilla Butter Cream Cupcake (Homemade Holiday) - 0240942v1.0

Issue date

12-Aug-2013

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.