

## 1. Product and Company Identification

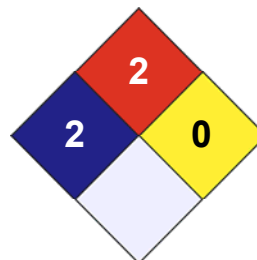
**Product name** Air Wick® Aroma Sphere Air Freshener, All Scents  
**CAS #** Mixture  
**Product use** This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with 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	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	/ 2
<b>FLAMMABILITY</b>	2
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	



## 2. Hazards Identification

**Emergency overview** CAUTION  
 COMBUSTIBLE  
 EYE AND SKIN IRRITANT.  
 Prolonged or frequent skin contact may cause an allergic reaction. Avoid contact with eyes, skin and clothing. DO NOT ingest. Keep away from excessive heat, sparks and open flame.  
 KEEP OUT OF REACH OF CHILDREN.

### Potential short term health effects

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.  
**Eyes** Severely irritating to eyes. Risk of serious damage to eyes.  
**Skin** Severely irritating to the skin.  
 Prolonged or frequent skin contact may cause an allergic reaction.  
**Inhalation** None expected during normal conditions of use.  
**Ingestion** Harmful if swallowed.

**Target organs** Eyes. Skin.

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

**Signs and symptoms** Contact with liquid may cause eye and skin irritation.

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

**Potential environmental effects** See section 12.

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### 3. Composition/Information on Ingredients

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Components	CAS #	Percent
Alcohols, C12-16, ethoxylated	68551-12-2	10 - 20
Ethanol	64-17-5	10 - 20
Fragrance	Mixture	2.5 - 10

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### 4. First Aid Measures

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#### First aid procedures

**Eye contact** 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.

**Skin contact** If on skin, wash area thoroughly with soap and water. If irritation develops, get medical attention.

**Inhalation** 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. Get medical attention immediately.

**Ingestion** If ingested, drink a glass of water and contact a physician or Poison Control Center immediately.

**Notes to physician** Treat patient symptomatically.

**General advice** 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.

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### 5. Fire Fighting Measures

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**Flammable properties** Combustible by OSHA criteria.

#### Extinguishing media

**Suitable extinguishing media** Dry chemical. Carbon dioxide. Water spray. Foam.

**Unsuitable extinguishing media** Do not use water jet.

#### Protection of firefighters

**Specific hazards arising from the chemical** Not available

**Protective equipment and precautions 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.

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### 6. Accidental Release Measures

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**Personal precautions** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

**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** Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up** Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Ensure adequate ventilation. MAY IRRITATE EYES AND SKIN. Avoid contact with eyes, skin and clothing. Do not ingest. Prolonged or frequently repeated skin contact may cause an allergic response in some individuals. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. Avoid breathing vapors or mists. Wipe up spills immediately, wearing gloves, to prevent damage. Keep upright. Do not touch the wick.
<b>Storage</b>	Keep out of reach of children. Keep away from heat, open flames or other sources of ignition. Keep upright. Do not expose to direct sunlight.

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## 8. Exposure Controls/Personal Protection

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### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m <sup>3</sup> 1000 ppm

**Exposure limits** Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

**Engineering controls** Not normally required if good ventilation is maintained.

### 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** No special requirements under normal use conditions. 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** Prolonged or frequent skin contact may produce an allergic reaction in some individuals. Wash off with soap and water.  
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

**Respiratory protection** Not normally required if good ventilation is maintained.  
If a risk assessment indicates this is necessary, use an approved NIOSH respirator.

**General hygiene considerations** Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.  
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>	Clear to slightly hazy. Liquid
<b>Color</b>	Various
<b>Form</b>	Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Liquid.
<b>pH</b>	3.5 - 8
<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>	104.00 °F (40.00 °C) Closed Cup
<b>Auto-ignition temperature</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Specific gravity</b>	0.934 - 0.944 g/cm <sup>3</sup> @ 20°C
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Relative density</b>	Not available.
<b>Viscosity</b>	Not available.
<b>VOC</b>	Not available
<b>Percent volatile</b>	Not available

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### 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong oxidizing agents.
<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>	Keep from freezing. Excessive heat and moisture. Heat, open flames, static discharge, sparks and other ignition sources. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition.
<b>Incompatible materials</b>	Oxidizers. Caustics. 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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#### Toxicological data

Components	Species	Test Results
Alcohols, C12-16, ethoxylated (CAS 68551-12-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	>= 2000 mg/kg
<i>Oral</i>		
LD50	Rat	1380 mg/kg
<b>LC50</b>		
Not available.		
Ethanol (CAS 64-17-5)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse	39 mg/l, 4 Hours
	Rat	31623 ppm, 4 Hours
<i>Oral</i>		
LD50	Dog 550	0 mg/kg
	Guinea pig	5600 mg/kg

Components	Species	Test Results
	Mouse	3450 mg/kg
	Rat	7060 mg/kg
		6200 mg/kg

Fragrance (CAS Mixture)

**LC50**

Not available.

**LD50**

Not available.

**Effects of acute exposure**

**Eye contact**

Severely irritating to eyes. Risk of serious damage to eyes.

**Skin contact**

Severely irritating to the skin.  
Prolonged or frequent skin contact may cause an allergic reaction.

**Inhalation**

None expected during normal conditions of use.

**Ingestion**

Harmful if swallowed.

**Sensitization**

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

**Ecotoxicological data**

**Components**

**Species**

**Test Results**

Ethanol (CAS 64-17-5)

Crustacea

EC50

Daphnia

11744.5 mg/L, 48 Hours

**Aquatic**

Crustacea

EC50

Water flea (Daphnia magna)

7.7 - 11.2 mg/l, 48 hours

Fish

LC50

Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours

**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**

Ethanol

-0.31

**Chemical fate information**

Not available.

**13. Disposal Considerations**

**Disposal instructions**

Dispose in accordance with all applicable regulations.  
Empty liquid container can be discarded in the trash or recycled where appropriate.  
Do not dispose of large quantities down the drain.

**Waste from residues / unused products**

Not available

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## 14. Transport Information

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

Not regulated as dangerous goods.

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

Not regulated as dangerous goods.

**IATA/ICAO (Air)**

Not regulated as dangerous goods.

**IMDG (Marine Transport)**

Not regulated as dangerous goods.

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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.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Ethanol (CAS 64-17-5)

Listed.

**US CAA Section 111 Volatile Organic Compounds: Listed substance**

Ethanol (CAS 64-17-5)

Listed.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**CERCLA (Superfund) reportable quantity**

None

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

Immediate Hazard - Yes  
 Delayed Hazard - Yes  
 Fire Hazard - Yes  
 Pressure Hazard - No  
 Reactivity Hazard - No

**State regulations**

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

**US - California Hazardous Substances (Director's): Listed substance**

Ethanol (CAS 64-17-5)

Listed.

**US - Illinois Chemical Safety Act: Listed substance**

Ethanol (CAS 64-17-5)

Listed.

**US - Louisiana Spill Reporting: Listed substance**

Ethanol (CAS 64-17-5)

Listed.

**US - Minnesota Haz Subs: Listed substance**

Ethanol (CAS 64-17-5)

Listed.

**US - New Jersey RTK - Substances: Listed substance**

Ethanol (CAS 64-17-5)

Listed.

**US - Texas Effects Screening Levels: Listed substance**

Alcohols, C12-16, ethoxylated (CAS 68551-12-2)

Listed.

Ethanol (CAS 64-17-5)

Listed.

**US. Massachusetts RTK - Substance List**

Ethanol (CAS 64-17-5) Listed.

**US. Pennsylvania RTK - Hazardous Substances**

Ethanol (CAS 64-17-5) Listed.

**US. Rhode Island RTK**

Not regulated.

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® Aroma Sphere Air Freshener - Lavender & Chamomile, 2.5 fl oz - MX4998097v4.0  
 Air Wick® Aroma Sphere Air Freshener - Hawaii, 2.5 fl oz - MX4998099v6.0  
 Air Wick® Aroma Sphere Air Freshener - Magnolia & Cherry Blossom, 2.5 fl oz - 0020670V3.0

**Issue date**

01-November-2013

**Effective date**

01-November-2013

**Prepared by**

Reckitt Benckiser Regulatory Department Phone: 800-333-3899

**Other information**

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