



MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 21-June-2010

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number D0270828

Commercial Product Name Airwick Frosted Candles - All Scents

Formula Number: 0270475, 0270488, 0272247, 0270468, 0270455, 0270319

Recommended / Intended Use: Air freshener

Manufacturer Reckitt Benckiser Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
Telephone: +1 973 404 2600

Scents and UPCs: Apple & Cinnamon Velvet: 62338-83232 (5.29 oz.)
Cherry Tart & Vanilla Creme: 62338-82817 (5.29 oz.)
Crackling Fire & Warming Spice: 62338-83427 (5.29 oz.)
Crisp Linen & Pearl Lilac: 62338-82809 (5.29 oz.)
Rich Lavender & Warm Velvet: 62338-82814 (5.29 oz.)
Vanilla & Soft Cashmere: 62338-81797 (5.29 oz.)

Emergency Telephone Number: Emergency telephone for other regions to be filled out by local business.

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

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2. HAZARDS IDENTIFICATION
Emergency Overview

CAUTIONS: Failure to follow instructions could result in fire hazard, personal injury or broken glass.

Keep out of the reach of children

KEEP FREE FROM FOREIGN OBJECTS (e.g. MATCHES).

Never leave a burning candle unattended, near flammable material or for more than 4 hours.

Place on a flat, heat resistant surface, away from draughts.

Do not burn candles on or near anything that can catch fire.

Store candle in an upright position.

Do not use on hot surfaces e.g. T.V.

Keep wick trimmed to 1 cm to avoid excessive smoking.

Do not move or tip while lit or before liquid hardens.

Do not allow the flame touch the side of the glass holder.

Glass will be hot during and after use.

Stop when less than 1 cm of product remains and never allow the candle to burn all the way down.

Extinguish candle by blowing gently.

Do not use if the glass is damaged.

Do not use the glass candle holder for drinking purposes or for storing food.

Always leave at least 20cm between burning candles.

KEEP OUT OF REACH OF CHILDREN

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
Mixture of hydrocarbon w axes, non-hazardous MIX	30 - 60 %	-	-
Hydrogenated Tallow 8030-12-4	30 - 60 %	-	-
2-tert-Butylcyclohexyl acetate 88-41-5	< 2.5 %	-	-
alpha-methylcinnamaldehyde 101-39-3	0.1 - 1 %	-	-
Eugenol 97-53-0	0.1 - 1 %	-	-
Cinnamal 104-55-2	0.1 - 1 %	-	-
4-tert-Butylcyclohexyl acetate 32210-23-4	< 0.25 %	-	-
gamma-undecalactone 104-67-6	< 0.25 %	-	-

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Other Ingredients: Fragrances

4. FIRST AID MEASURES

Inhalation	Move to fresh air
Skin Contact	Wash off immediately with soap and plenty of water. In case of burns, immediately cool affected skin for as long as possible with cold water. Removal of solidified molten material from skin requires medical assistance. For severe burns, immediate medical attention is required.
Eye Contact	Wash off with plenty of water. Get medical attention immediately if symptoms occur.
Ingestion	Rinse mouth. Drink plenty of water. Get medical attention immediately if symptoms occur.
Notes to Physician	Treat symptomatically
Protection of First-aiders	Use personal protective equipment
Aggravated Medical Conditions:	No information available.

5. FIRE-FIGHTING MEASURES

Flash point:	See section 9
Suitable Extinguishing Media:	As suitable for surrounding fire.
Extinguishing media which must not be used for safety reasons:	Do not use a solid water stream as it may scatter and spread fire.
Unusual hazards:	None known.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.
Precautions for fire-fighting	Standard procedure for chemical fires.

NFPA: Health Hazard: 1 Flammability: 2 Physical Hazard: 0
HMIS: Health Hazard: 1 Flammability: 2 Physical Hazard: 0 Personal Protection: A
Key: (Also see Sections 3 & 8)

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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protective equipment.
- Environmental Precautions:** Not applicable.
- Methods for Cleaning Up:** Take up mechanically and collect in suitable container for disposal.
- Methods for Containment:** Prevent further leakage or spillage if safe to do so

7. HANDLING AND STORAGE

- Handling:** Not applicable.
- Storage:** Keep out of the reach of children.
Keep tightly closed in a dry and cool place.
Keep away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Mixture of hydrocarbon w axes, non-hazardous MIX	-	-
Hydrogenated Tallow 8030-12-4	-	-
2-tert-Butylcyclohexyl acetate 88-41-5	-	-
alpha-methylcinnamaldehyde 101-39-3	-	-
Eugenol 97-53-0	-	-
Cinnamal 104-55-2	-	-
4-tert-Butylcyclohexyl acetate 32210-23-4	-	-
gamma-undecalactone 104-67-6	-	-

- Engineering Controls:** For occupational exposures, ensure adequate ventilation.
- Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained
- Personal Protective Equipment**
- Respiratory Protection:** None required under normal usage.
- Hand Protection:** Impervious gloves.
- Skin and Body Protection:** Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.
- Hygiene Measures:** Avoid contact with eyes, skin, and clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid.
Appearance:	Opaque Solid
Colour:	Red brown.
Odour:	Characteristic.
pH	No information available
Flash Point:	> 140°C / > 284°FASTMD 93
Flammability Limits in Air:	No information available
Autoignition Temperature:	No information available.
Specific Gravity / Density [g/mL]:	No data available.
Vapour Pressure:	Not determined.
Solubility:	No information available.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Direct sources of heat. Strong sunlight for prolonged periods. Temperatures above 40 °C
Materials to Avoid:	Keep away from strong oxidizers.
Hazardous Decomposition Products:	Oxides of carbon and unknown organic compounds.
Polymerization:	Hazardous polymerization does not occur.

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11. TOXICOLOGICAL INFORMATION
PRODUCT TOXICITY DATA
LD₅₀ Oral: >2000 mg/kg (rat) estimated

LD₅₀ Dermal: No information available

LC₅₀ Inhalation (Dust): No information available

LC₅₀ Inhalation (Vapor): No information available

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

Skin Irritation None expected during normal conditions of use.

Inhalation None expected during normal conditions of use.

Ingestion Health injuries are not known or expected under normal use.

Sensitization Not expected to be a skin sensitiser.

Specific Effects
Carcinogenic Effects: Not listed as carcinogenic by OSHA, NTP or IARC.

Mutagenic Effects No information available.

Reproductive Toxicity: No information available.

Additional Toxicity Information: Information is based on available component data and toxicity result of similar products.

COMPONENT TOXICITY DATA

Chemical Name	CAS-No	LD50 Oral - with units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 Inhalation - With units - Rat/Rabbit
Hydrogenated Tallow	8030-12-4	10000 mg/kg (Rat)		
2-tert-Butylcyclohexyl acetate	88-41-5	4600 mg/kg (Rat)	5 g/kg (Rabbit)	
alpha-methylcinnamaldehyde	101-39-3	2050 mg/kg (Rat)	5000 mg/kg (Rabbit)	
Eugenol	97-53-0	1930 mg/kg (Rat)		
Cinnamal	104-55-2	2200 mg/kg (Rat)	2000 mg/kg (Rat)	
4-tert-Butylcyclohexyl acetate	32210-23-4	5 g/kg (Rat)		
gamma-undecalactone	104-67-6	18500 mg/kg (Rat)		

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12. ECOLOGICAL INFORMATION**PRODUCT TOXICITY DATA****Ecotoxicity effects****Aquatic toxicity:** No information available**COMPONENT TOXICITY DATA***Hydrogenated Tallow*
8030-12-4 (30 - 60 %)**Freshwater Algae**

EC50 96 h 13.3 mg/L

4-tert-Butylcyclohexyl acetate
32210-23-4 (< 0.25 %)**Water Flea**

EC50 24 h 9.6 mg/L

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:

Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

Waste Disposal:

Dispose of according to Local, State, Provincial and / or Federal regulations.

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14. TRANSPORT INFORMATION

General remarks	For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.
DOT	Not regulated
TDG	Not regulated
MEX	Not applicable.
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
RID	Not applicable.
ADR	Not applicable.
ADN	Not applicable.

15. REGULATORY INFORMATION

Chemical Name	PICCS	TSCA	DSL	NDSL	ENCS	CHINA	AICS	EINECS/ ELINCS	South Africa STELs
Mixture of hydrocarbon waxes, non-hazardous								None	
Hydrogenated Tallow		Present	X			X	X	232-442-7	
2-tert-Butylcyclohexyl acetate		Present	X		X	X	X	201-828-7	
alpha-methylcinnamaldehyde		Present	X			X	X	202-938-8	
Eugenol		Present	X		X	X	X	202-589-1	
Cinnamal		Present	X		X	X	X	203-213-9	
4-tert-Butylcyclohexyl acetate		Present	X		X	X	X	250-954-9	
gamma-undecalactone		Present	X		X	X	X	203-225-4	

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U.S. Regulations:
Mixture of hydrocarbon waxes, non-hazardous - MIX

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Hydrogenated Tallow - 8030-12-4

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

2-tert-Butylcyclohexyl acetate - 88-41-5

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

alpha-methylcinnamaldehyde - 101-39-3

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Eugenol - 97-53-0

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Cinnamal - 104-55-2

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

4-tert-Butylcyclohexyl acetate - 32210-23-4

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

gamma-undecalactone - 104-67-6

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

WHMIS (Canada)

WHMIS Hazard Class Not determined

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

HMIS (U.S.A.):

Health Hazard	1
Flammability:	2
Physical hazards	0
PERSONAL PROTECTION	A

Reason for revision: Update product information.

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

Prepared by: Regulatory Department on 6/21/10.

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