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## Material Safety Data Sheet

Product Name: Home Fragrance Coconut Air Freshener

Supplier code: C81670

Article create code: 30197014

Barcode: 5054077307444

Issue Date: 5<sup>th</sup> September 2015

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT USE:** Air freshener/Car Air Freshener

**SUPPLIER ADDRESS:** Williams (HS) Limited, Sage House, **Bowden Hey Road**, Chapel-en-le-frith, High Peak. SK23 0QZ

**INFORMING DEPARTMENT:** Technical Department

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### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Chronic aquatic toxicity Category 3 - (H412)

#### 2.2. Label elements

Symbols/Pictograms	None
Signal word	None
Hazard Statements	H412 - Harmful to aquatic life with long lasting effects
Precautionary Statements	P273 - Avoid release to the environment P501 - Dispose of contents/ container to an approved waste disposal plant

#### 2.3. Other hazards

No information available.

### SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixture

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Paper	-	-	92-96	Not classified	
AR452087	1-(3-Methoxypropoxy)propan-1-ol	252-104-2	34590-94-8	3-4.5	Not classified
	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran	214-946-9	1222-05-5	0.6-1.5	Aquatic Chronic 1 (H410)
	1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone	202-983-3	101-86-0	0.15-0.6	Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Chronic 1 (H410)
	2-Benzylideneoctanal	259-174-3	54464-57-2	0.15-0.6	Skin Sens. 1 (H317), Aquatic Chronic 2 (H411)
	4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde	250-863-4	31906-04-4	0.06-0.15	Skin Sens. 1 (H317), Aquatic Chronic 3 (H412)

3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one	204-846-3	127-51-5	0.06-0.15	Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Chronic 2 (H411)
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## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General advice

If symptoms persist, call a physician.

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

#### Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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## SECTION 5. FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

No information available.

### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

### 5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapours. Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

### 6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

See Section 7 for more information

See section 8 for more information

See section 13 for more information

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## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Store in accordance with the particular national regulations.

### 7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

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## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

Chemical Name	Australia	Austria	Belgium	Denmark	European Union
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	50 ppm 308 mg/m <sup>3</sup> Skin	Skin STEL 100 ppm STEL 614 mg/m <sup>3</sup> TWA: 50 ppm TWA: 307 mg/m <sup>3</sup>	-	TWA: 50 ppm TWA: 309 mg/m <sup>3</sup> Skin	S* TWA 50 ppm TWA 308 mg/m <sup>3</sup>

Chemical Name	Latvia	France	Finland	Germany	Italy
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup> Ceiling / Peak: 50 ppm Ceiling / Peak: 310 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> Skin

Chemical Name	Poland	Portugal	Spain	Switzerland	Netherlands
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	-	-	-	-	TWA: 300 mg/m <sup>3</sup>

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
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1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	TWA: 50 ppm TWA: 300 mg/m <sup>3</sup> Skin STEL: 50 ppm STEL: 300 mg/m <sup>3</sup>	-	STEL: 150 ppm TWA: 100 ppm S*	-	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>
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#### Derived No Effect Level (DNEL)

No information available

#### Predicted No Effect Concentration (PNEC)

No information available

### 8.2. Exposure controls

#### Engineering Controls

Use with local exhaust ventilation

Ensure adequate ventilation, especially in confined areas

#### Personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Hand Protection

Wear protective gloves.

Skin and body protection

Suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	No information available
Odour	Coconut
Odour Threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Boiling point / boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Vapour Pressure	Not determined
Vapour density	Not determined
Relative density	Not determined
Water solubility	Not determined
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

### 9.2. Other information

No information available

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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

None under normal use conditions.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	= 5400 µL/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran (CAS #: 1222-05-5)	> 4640 mg/kg bw (OECD 401)	> 10000 mg/kg bw (OECD 402)	-
Hexyl cinnamic aldehyde (CAS #: 101-86-0)	= 3100 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	-
4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde (CAS #: 31906-04-4)	3250 µL/kg (Rat)	11300 µL/kg (Rabbit)	-

#### Skin corrosion/irritation

Non-irritating to the skin.

#### Serious eye damage/eye irritation

No eye irritation.

#### Sensitization

No sensitization responses were observed.

#### Germ cell mutagenicity

No information available.

#### Carcinogenicity

No information available.

#### Reproductive toxicity

No information available.

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Aspiration hazard**

No information available

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**SECTION 12. ECOLOGICAL INFORMATION****12.1. Toxicity**

Chemical Name	Algae/aquatic plants EC50	Fish LC50	Crustacea EC50
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	-	10000: 96 h Pimephales promelas mg/L LC50 static	-

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

Chemical Name	Partition coefficient (LogPow)
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	-0.064

**12.4. Mobility in soil**

No information available

**12.5. Results of PBT and vPvB assessment**

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

**12.6. Other adverse effects**

No information available

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**SECTION 13. DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations

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**SECTION 14. TRANSPORT INFORMATION**

14.1 UN Number	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable

**14.6 Special precautions**

No information available

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

**International Inventories**

Component	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
1-(3-Methoxypropoxy)propan-1-ol 34590-94-8 ( 3-4.5 )	X	X	X	X	X	X	X	X
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran 1222-05-5 ( 0.6-1.5 )	X	X	X	X	X	X	X	X
Hexyl cinnamic aldehyde 101-86-0 ( 0.15-0.6 )	X	X	X	X	X	X	X	X
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one 54464-57-2 ( 0.15-0.6 )	X	X	X	X	X	X	X	X
4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde 31906-04-4 ( 0.06-0.15 )	X	X	X	X	X	X	X	X
3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one 127-51-5 ( 0.06-0.15 )	X	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

**15.2. Chemical safety assessment**

No information available

## SECTION 16. OTHER INFORMATION

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

<b>Issue Date</b>	05-Sep-2015
<b>Revision date</b>	06-Mar-2015
<b>Revision Note</b>	Not applicable

### Key or legend to abbreviations and acronyms used in the safety data sheet

**TWA** - TWA (time-weighted average)

**STEL** - STEL (Short Term Exposure Limit)

**Ceiling** - Maximum limit value

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### Full text of H-Statements referred to under section 3

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H317 - May cause an allergic skin reaction

H315 - Causes skin irritation

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