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Material Safety Data Sheet

Product Name: Home Fragrance Lavender Car Air Freshener

Supplier code: C81668

Article create code: 30197013

Barcode: 5054077307239

Issue Date: 5th September 2015

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT USE: 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]

Not classified

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable
EU Specific Hazard Statements None

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
AR454080	1-(3-Methoxypropoxy)propan-1-ol	252-104-2	34590-94-8	3-4.5	Not classified
	3a,4,5,6,7,7a-Hexahydro-1H-4,7-methanoinden-1-yl acetate	259-367-2	54830-99-8	0.6-1.5	Aquatic Chronic 3 (H412)
	1-Methyl-1-(4-methylcyclohex-3-en-1-yl) ethyl acetate	232-357-5	8007-35-0	0.15-0.6	Aquatic Chronic 2 (H411)
	3,7-Dimethylocta-1,6-dien-3-ol	201-134-4	78-70-6	0.15-0.6	Skin Irrit. 2 (H315), Eye Irrit. 2 (H319)
	3,5,5-trimethylhexyl acetate	261-245-9	58430-94-7	0.15-0.6	Skin Irrit. 2 (H315), Aquatic Chronic 2 (H411)
	2,6-dimethyloct-7-en-2-ol	242-362-4	18479-58-8	0.15-0.6	Skin Irrit. 2 (H315)

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.

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

No information available.

5.3. Advice for firefighters

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

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

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.

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 ³ Skin	Skin STEL 100 ppm STEL 614 mg/m ³ TWA: 50 ppm TWA: 307 mg/m ³	-	TWA: 50 ppm TWA: 309 mg/m ³ Skin	S* TWA 50 ppm TWA 308 mg/m ³

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

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

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	TWA: 50 ppm TWA: 300 mg/m ³ Skin STEL: 50 ppm STEL: 300 mg/m ³	-	STEL: 150 ppm TWA: 100 ppm S*	-	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	No information available
Odour	Lavender
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

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.

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)	-
3,7-Dimethylocta-1,6-dien-3-ol (CAS #: 78-70-6)	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rat)	-
3,5,5-trimethylhexyl acetate (CAS #: 58430-94-7)	= 4250 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
2,6-dimethyloct-7-en-2-ol (CAS #: 18479-58-8)	= 3600 mg/kg (Rat)	> 5 g/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.

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	-
3,7-Dimethylocta-1,6-dien-3-ol (CAS #: 78-70-6)	88.3: 96 h Desmodosmus subspicatus mg/L EC50	22 - 46: 96 h Leuciscus idus 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
3,7-Dimethylocta-1,6-dien-3-ol (CAS #: 78-70-6)	2.84 - 3.1

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

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

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/NDL	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
3a,4,5,6,7,7a-Hexahydro-1H-4,7-methanoinden-1-yl acetate 54830-99-8 (0.6-1.5)	X	X	X	X	X	-	X	X

1-Methyl-1-(4-methylcyclohex-3-en-1-yl) ethyl acetate 8007-35-0 (0.15-0.6)	X	X	X	X	X	X	X	X
3,7-Dimethylocta-1,6-dien-3-ol 78-70-6 (0.15-0.6)	X	X	X	X	X	X	X	X
3,5,5-trimethylhexyl acetate 58430-94-7 (0.15-0.6)	X	X	X	X	X	X	X	X
2,6-dimethyloct-7-en-2-ol 18479-58-8 (0.15-0.6)	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

Issue Date	05-Sep-2015
Revision date	05-Sep-2015
Revision Note	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

H412 - Harmful to aquatic life with long lasting effects

H315 - Causes skin irritation

H411 - Toxic to aquatic life with long lasting effects

H319 - Causes serious eye irritation

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