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Material Safety Data Sheet

Product Name: 45ml Coconut reed diffuser
Supplier code: C81563PR
Article create code: 30179602
Barcode: 5054077191456
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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT USE: Air freshener/Decorative reed diffuser
SUPPLIER ADDRESS: Williams (HS) Limited, Sage House, *Bowden Hey Road*,
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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]

Flammable liquid Category 3 - (H226)
Skin corrosion/irritation Category 2 - (H315)
Serious eye damage/eye irritation Category 1 - (H318)
Skin sensitization Category 1 - (H317)

Classification according to Directive 67/548/EEC or 1999/45/EC

R10
Xi;R41
R43
N;R51/53
R10
Xi;R41
R43

2.2. Label elements

Symbols/Pictograms



Signal word

Danger

Hazard Statements

H226 - Flammable liquid and vapour.

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P233 - Keep container tightly closed

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

P403 + P235 - Store in a well-ventilated place. Keep cool

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/physician

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixture

| Chemical Name | EC No | CAS No | Weight-% | Classification according to Directive 67/548/EEC or 1999/45/EC | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
|--|--|------------|------------|--|---|---|
| Water | 231-791-2 | 7732-18-5 | 50 | Not classified | Not classified | |
| Surfactant | 500-195-7 | 68131-39-5 | 15 | Xi; R41 N; R50-53 R52-53 | Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412) | |
| Alcohol | 200-578-6 | 64-17-5 | 15 | F; R11 | Flam. Liq. 2 (H225) | |
| Dipropylene glycol methyl ether acetate | - | 88917-22-0 | 10 | Xi; R36 /R37/R38 | Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335) | |
| Fragrance oil | 1-(3-Methoxypropoxy)propan-1-ol | 252-104-2 | 34590-94-8 | 5-7.5 | Not classified | 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 | 1-2.5 | N; R50-53 | Aquatic Chronic 1 (H410) |
| | 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone | 259-174-3 | 54464-57-2 | 0.25-1 | Xi, N R38,R43,R51/53 | Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Chronic 1 (H410) |
| | 2-Benzylideneoctanal | 202-983-3 | 101-86-0 | 0.25-1 | Xi R38,R43 | Skin Sens. 1 (H317), Aquatic Chronic 2 (H411) |
| | 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde | 250-863-4 | 31906-04-4 | 0.1-0.25 | Xi R43,R52/53 | 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 | 0.1-0.25 | Xi, N R36/38,R43,R51/53 | Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Chronic 2 (H411) | |

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice

May cause allergic skin reaction. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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

May cause allergic skin reaction
Eye Damage
Skin irritation

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

Dry chemical, alcohol resistant foam or carbon dioxide, water spray.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

Flammable liquid and vapour.

Thermal decomposition can lead to release of irritating and toxic gases and vapors: oxides of carbon.

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**

Avoid contact with eyes and skin

Evacuate personnel to safe areas

Remove all sources of ignition

Contaminated work clothing should not be allowed out of the workplace

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

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)

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

Handle in accordance with good industrial hygiene and safety practice
 Ensure adequate ventilation, especially in confined areas
 Avoid contact with skin, eyes or clothing
 Wash contaminated clothing before reuse
 Do not eat, drink or smoke when using this product
 Wash thoroughly after handling
 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 |
|---|---|---|---------|---|-------------------------------|
| Water (CAS #: 7732-18-5) | - | - | - | - | STEL: 125 ppm TWA: 100 ppm |
| Alcohol (CAS #: 64-17-5) | 1000 ppm 1880 mg/m ³ | STEL 2000 ppm STEL 3800 mg/m ³ TWA: 1000 ppm TWA: 1900 mg/m ³ | - | TWA: 1000 ppm TWA: 1900 mg/m ³ | - |
| 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 | - |

| Chemical Name | Latvia | France | Finland | Germany | Italy |
|--------------------------|-----------------------------|--|--|--|-------|
| Alcohol (CAS #: 64-17-5) | TWA: 1000 mg/m ³ | TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 5000 ppm STEL: 9500 mg/m ³ | TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 1300 ppm STEL: 2500 mg/m ³ | TWA: 500 ppm TWA: 960 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m ³ Skin | - |

| Chemical Name | Poland | Portugal | Spain | Switzerland | Netherlands |
|--------------------------|-----------------------------|---------------|--|--|--|
| Alcohol (CAS #: 64-17-5) | TWA: 1900 mg/m ³ | TWA: 1000 ppm | STEL: 1000 ppm STEL: 1910 mg/m ³ TWA: 1000 ppm TWA: 1910 mg/m ³ | STEL: 1000 ppm STEL: 1920 mg/m ³ TWA: 500 ppm TWA: 960 mg/m ³ | Skin STEL: 1900 mg/m ³ TWA: 260 mg/m ³ |

| Chemical Name | Norway | United Kingdom | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|--|-------------------------------------|--|--|
| Alcohol (CAS #: 64-17-5) | TWA: 500 ppm TWA: 950 mg/m ³ STEL: 625 ppm STEL: 1187.5 mg/m ³ | STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³ | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³ |
| 1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8) | - | - | STEL: 150 ppm TWA: 100 ppm S* | - | - |

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 | Liquid |
| Color | No information available |
| Odor | No information available |
| Odor Threshold | Not determined |
| pH | Not determined |
| Melting point/freezing point | Not determined |
| Boiling point / boiling range | Not determined |
| Flash point | 27°C |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not determined |
| Flammability Limit in Air | Not determined |
| Vapor Pressure | Not determined |
| Vapor density | Not determined |
| Density | Not determined |
| Relative density | Not determined |
| Specific gravity | Not determined |
| Water solubility | Not determined |
| Partition coefficient (LogPow) | Alcohol (CAS #: 64-17-5) = -0.32 |
| 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 |

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 |
|---|----------------------------|-----------------------------|--------------------------|
| Water (CAS #: 7732-18-5) | 90 mL/kg (Rat) | - | - |
| Alcohol (CAS #: 64-17-5) | - | - | = 124.7 mg/L (Rat) 4 h |
| 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) | |

Skin corrosion/irritation

Causes skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

No information available.

Carcinogenicity

| Chemical Name | European Union | IARC |
|--------------------------|----------------|---------|
| Alcohol (CAS #: 64-17-5) | - | Group 1 |

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 |
|--------------------------|---------------------------|--|---|
| Alcohol (CAS #: 64-17-5) | - | 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through | 9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

| Chemical Name | Partition coefficient (LogPow) |
|--------------------------|--------------------------------|
| Alcohol (CAS #: 64-17-5) | -0.32 |

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 | 1266 |
| 14.2 Proper shipping name | PERFUMERY PRODUCTS with flammable solvents |
| 14.3 Hazard Class | 3 |
| 14.4 Packing Group | III |
| 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

SECTION 16. OTHER INFORMATION

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H335 May cause respiratory irritation
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects

Full text of R-phrases referred to under sections 2 and 3

R11 - Highly flammable
R41 - Risk of serious damage to eyes.
R38 - Irritating to skin
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R36/R37/R38 - Irritating to eyes, respiratory system and skin.

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