



Williams (HS) Limited
Sage House, Bowden Hey Road
Chapel-en-le-frith, High Peak
SK23 0QZ
Tel: 01298 813001
Fax: 01298 813015

SECTION 1: Identification of the substance /mixture and of the company/undertaking

Material Safety Data Sheet

Product Name: Jar Candle Jasmine and Ylang Ylang

Supplier code:C81701PR

Article create code: 30214736

Barcode: 5054077388511

Issue Date: 14 Feb 2015

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT USE: Jar Candle

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

INFORMING DEPARTMENT: Technical Department

EMERGENCY CALL: Email: stacey@sagedecor.com Tel: +44 1298 813001 (Mo-fr, 08.30 - 17.00) +44 7734 229960/+44 7969753360 +44 7570 900688 (Out of hours)

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)

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

R52/53

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 Directive 67/548/EEC or 1999/45/EC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------|-----------|------------|-----------|--|---|
| Paraffin wax | 165-154-4 | 64742-51-4 | 75.8-85.8 | Not classified | Not classified |

| | | | | | | |
|----------------------|--|-----------|------------|------------|--|--|
| | palm wax | 273-313-5 | 68956-68-3 | 10-20 | Not classified | Not classified |
| | UV stabiliser | 221-573-5 | 3147-75-9 | 0-1 | R53 | Aquatic Chronic 4 (H413) |
| AR268101 | 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 | N R50/53 | Aquatic chronic 1 (H410) |
| | 3,7-Dimethylocta-1,6-dien-3-ol | 201-134-4 | 78-70-6 | 0.1-0.4 | Xi R38 | Skin irrit. 2 (H315) Eye Irr. 2 (H319) |
| | Benzyl salicylate | 204-262-9 | 118-58-1 | 0.1-0.4 | N, Xi R43,R51/53 | Skin sens. 1 (H317) Aquatic chronic 2 (H411) |
| | 3,7-dimethylnona-1,6-dien-3-ol | 233-732-6 | 10339-55-6 | 0.1-0.4 | Xi R38 | Not Classified |
| | 1-(3-Methoxypropoxy)propan-1-ol | 252-104-2 | 34590-94-8 | 0.1-0.4 | Not classified | Not classified |
| | 2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol | 232-268-1 | 8000-41-7 | 0.04-0.1 | Xi R36/38 | Skin irrit. 2 (H315) Eye Irr. 2 (H319) |
| | Benzyl acetate | 205-399-7 | 140-11-4 | 0.04-0.1 | R52/53 | Aquatic chronic 3 (H412) |
| | 4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one | 238-969-9 | 14901-07-6 | 0.04-0.1 | N R51/53 | Aquatic chronic 2 (H411) |
| | 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol | 405-040-6 | 63500-71-0 | 0.04-0.1 | Xi; R36 | Eye Irrit. 2 (H319) |
| | 3-(4-tert-Butylphenyl)-2-methylpropanal | 201-289-8 | 80-54-6 | 0.04-0.1 | Xn, N R22,R38,R43,R51/53,R62 | Acute Tox. 4 (oral) (H302) Skin irrit. 2 (H315), Skin sens. 1 (H317), Reproductive Toxicity 2 (H361) Aquatic chronic 2 (H411) |
| 2-Benzylideneoctanal | 202-983-3 | 101-86-0 | 0.04-0.1 | Xi R38,R43 | Skin sens. 1 (H317), Aquatic chronic 2 (H411) | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Remove contaminated clothing and shoes. 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: Firefighting 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 vapors

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 vapors

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 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/personal protection

8.1. Control parameters

| Chemical Name | Australia | Austria | Belgium | Denmark | European Union |
|---------------|-----------|---------|---------|---------|----------------|
|---------------|-----------|---------|---------|---------|----------------|

| | | | | | |
|---|---|---|---|---|---|
| palm wax (CAS #: 68956-68-3) | 10 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 | - |
| Benzyl acetate (CAS #: 140-11-4) | - | - | - | TWA: 10 ppm TWA: 61 mg/m ³ | - |

| Chemical Name | Norway | United Kingdom | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|--------|----------------|-------------------------------------|----------|------------|
| 1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8) | - | - | STEL: 150 ppm TWA: 100 ppm S* | - | - |
| Benzyl acetate (CAS #: 140-11-4) | - | - | TWA: 10 ppm | - | - |

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
- Color 7434C
- Odor Freesia
- Odor 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 flammable
- 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 Insoluble in water
- 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 |
|--|----------------------------|-----------------------------|-----------------|
| 1,3,4,6,7,8-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

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 |
|--|---|-----------|----------------|
| 3,7-Dimethylocta-1,6-dien-3-ol (CAS #: 78-70-6) | 88.3: 96 h Desmodesmus subspicatus mg/L EC50 | - | - |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

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 |
|---|------|---------|-------------------|------|-------|------|-------|------|
| Paraffin wax 64742-51-4 (75.8-85.8) | X | X | X | X | X | X | X | X |
| palm wax 68956-68-3 (10-20) | 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 (1-2) | X | X | X | X | X | X | X | X |
| UV stabiliser 3147-75-9 (0-1) | X | X | X | X | X | X | X | X |
| 3,7-Dimethylocta-1,6-dien-3-ol 78-70-6 (0.1-0.4) | X | X | X | X | X | X | X | X |
| Benzyl salicylate 118-58-1 (0.1-0.4) | X | X | X | X | X | X | X | X |
| 3,7-dimethylnona-1,6-dien-3-ol 10339-55-6 (0.1-0.4) | X | X | X | X | X | X | X | X |
| 1-(3-Methoxypropoxy)propan-1-ol 34590-94-8 (0.1-0.4) | X | X | X | X | X | X | X | X |
| 2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol 8000-41-7 (0.04-0.1) | X | X | X | X | X | X | X | X |
| Benzyl acetate 140-11-4 (0.04-0.1) | X | X | X | X | X | X | X | X |
| 4-(2,6,6-trimethylcyclohex-1-ene-1-yl)but-3-ene-2-one 14901-07-6 (0.04-0.1) | X | X | X | X | X | X | X | X |
| 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol 63500-71-0 (0.04-0.1) | X | X | X | - | X | X | X | X |
| 3-(4-tert-Butylphenyl)-2-methylpropanal 80-54-6 (0.04-0.1) | X | X | X | X | X | X | X | X |
| 2-Benzylideneoctanal 101-86-0 (0.04-0.1) | 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 14-Feb-2015
Revision date 15-Feb-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/NDL - 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

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

H413 - May cause long lasting harmful effects to aquatic life

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

R22 - Harmful if swallowed.

R36 - Irritating to eyes.

R38 - Irritating to skin.

R43 - May cause sensitization by skin contact.

R62 - Possible risk of impaired fertility.

R53 - May cause long-term adverse effects in aquatic environment.

R36/38 - Irritating to eyes and skin.

R50/53 - Very toxic 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.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

----- End of Safety Data Sheet -----