# MATERIAL SAFETY DATA SHEET

**Updated:** 25/09/14

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY /UNDERTAKING

1.1 Product name: Generic reed diffuser

1.3 Detailers of the supplier of the safety data sheet

Address & contact numbers:

Emergency phone: Outside office hours: +44 7841256124

## 2. HAZARDS IDENTIFICATION -in accordance with 67/548/EEC &1272/2008

### 2.1 Classification of the substance or mixture:

**Classification under Regulation (EC) 1272/2008**

<table>
<thead>
<tr>
<th>Class and Category</th>
<th>Flammable Liquid, Hazard Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of danger</td>
<td>Eye damage/Irritation Category 2</td>
</tr>
<tr>
<td></td>
<td>Hazardous to the aquatic Environment- Long term hazard category 4</td>
</tr>
</tbody>
</table>

| Physical and Chemical Hazards: | H226 -Flam Liquid and vapour3 |
| Human health :                | H319- causes serious eye irritation |
| Environment :                 | H413-May cause long lasting harmful effects to aquatic life |

**Classification under Directive 1999/45/EC**

<table>
<thead>
<tr>
<th>Hazard symbols:</th>
<th>Xi, Irritant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Phrases:</td>
<td>R10 Flammable, R36 Irritating to the eyes</td>
</tr>
</tbody>
</table>
2.2 Label elements

Label in accordance with (EC) No. 1272/2008

Pictograms

Warning

Signal Word

Hazard Statements

H226 Flammable liquid and vapour
H319 Causes serious eye irritation
H413 May cause long lasting harmful effects to aquatic life

Supplemental Information: Contains Delta-Damascone & 4-Tert-Butylcyclohexyl Acetate. May produce an allergic reaction

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233 Keep container tightly closed when not in use
P264 Wash hands and other contacted skin thoroughly after handling
P273 Avoid release to the environment
P280 Wear protective gloves/eye protection/face protection when handling
P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water or shower
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337/313, If eye irritation persists: Get medical advice/attention
P370/378 In case of fire: use carbon dioxide, dry chemical or foam
P303/235 Store in a well-ventilated place. Keep cool
P501 Dispose of contents/container to approved disposal site in accordance with local regulations

Other hazards: None
### 3.2 Mixtures: Contains

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
<th>Classification for CLP 1272/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALCOHOL</td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>50-100</td>
<td>FL2-EDI 2, H225-H319</td>
</tr>
<tr>
<td>ISOPROPANOL</td>
<td>200-661-7</td>
<td>67-63-0</td>
<td>10&lt;15</td>
<td>FL 2-EDI 2-STO-SE 3(NE), H225,H319,H336</td>
</tr>
<tr>
<td>LINALOOL</td>
<td>201-134-4</td>
<td>78-70-6</td>
<td>1&lt;3</td>
<td>SCI 2-EDI 2, H315,H319</td>
</tr>
<tr>
<td>2-T-BUTYLCYCLOHEXYLACETATE</td>
<td>201-828-7</td>
<td>88-41-5</td>
<td>0.1&lt;1</td>
<td>EH C2,H411</td>
</tr>
<tr>
<td>HEXYL ACETATE</td>
<td>205-572-7</td>
<td>142-92-7</td>
<td>0.1&lt;1</td>
<td>EH C2, H411</td>
</tr>
<tr>
<td>ETHYL 2-CYCLOHEXYL PROPIONATE</td>
<td>2511-00-4</td>
<td>0.1&lt;1</td>
<td>EH C2, H411</td>
<td></td>
</tr>
<tr>
<td>4-TERT-BUTYLCYCLOHEXYL ACETATE</td>
<td>250-954-9</td>
<td>32210-23-4</td>
<td>0.1&lt;1</td>
<td>SS 1B-EH C2,H317,H411</td>
</tr>
<tr>
<td>LIMONENE</td>
<td>227-813-5</td>
<td>5989-27-5</td>
<td>&lt;0.1</td>
<td>FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1,H226 H304,H315,H317,H410</td>
</tr>
<tr>
<td>ALLYL CYCLOHEXYLPROPIONATE</td>
<td>220-292-5</td>
<td>2705-87-5</td>
<td>&lt;0.1</td>
<td>ATO 4-ATD 4- ATI 4-SS 1-EH A1-EH C1,H302,H312,H317,H332,H410</td>
</tr>
<tr>
<td>DELTA- DAMASCONE</td>
<td>260-709-8</td>
<td>57378-68-4</td>
<td>&lt;0.1</td>
<td>ATO 4-SCI 2-SS 1A-EH A1-EH C1,H302,H315,H317,H410</td>
</tr>
<tr>
<td>BETA-PINENES</td>
<td>204-872-5</td>
<td>127-91-3</td>
<td>&lt;0.1</td>
<td>FL3-SCI 2-SS 1B-AH 1,H226,H304,H315,H317</td>
</tr>
<tr>
<td>MYRCENE</td>
<td>204-622-5</td>
<td>123-35-3</td>
<td>&lt;0.1</td>
<td>FL3-SCI 2-EDI 2-AH 1,H226,H304,H315,H319</td>
</tr>
<tr>
<td>PINENES</td>
<td></td>
<td></td>
<td>&lt;0.1</td>
<td>SCI 2-SS 1B-AH 1, H304,H315,H317</td>
</tr>
<tr>
<td>ALPHA-PINENES</td>
<td>201-291-9</td>
<td>80-56-8</td>
<td>0.1</td>
<td>FL 3-SCI 2-SS 1B-AH 1, H226,H304,H315,H317</td>
</tr>
</tbody>
</table>

**Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%**

Not applicable.
4. **FIRST AID MEASURES**

4.1 **Description of first aid measures**

Eye: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

Skin/Hair: Remove contaminated clothing immediately. Wash skin thoroughly with soap and water or use a proprietary skin cleaner or shower. Obtain medical attention if irritation persists.

Ingestion: If ingested, obtain immediate medical attention and show MSDS, packaging or label. Immediately rinse mouth with water. DO NOT induce vomiting.

Inhalation: No measures anticipated for inhalation.

4.2 **Most important symptoms and effects, both acute and delayed**

Causes serious eye irritation.

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

None expected. See Section 4.1 for further information.

5. **FIRE-FIGHTING MEASURES**

5.1 **Extinguishing media:** Carbon Dioxide, dry chemical, foam.

6. **ACCIDENTAL RELEASE MEASURES**

6.1 **Personal Precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Sections 7 & 8.

6.2 **Environmental Precautions:**

Keep away from drains, surface and ground water and soil.

6.3 **Methods and material for containment and clearing up**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. **HANDLING AND STORAGE**

7.1 **Precautions for safe handling:** Keep away from heat, sparks, open flames and hot surfaces- No Smoking
7.2 **Conditions for safe storage, including any incompatibilities:** Store in cool, dry environment away from sources of heat. Store in safe location out of reach of children and pets.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.2 **Exposure Controls:**

Respiratory protection: If well ventilated not needed for normal use
Eye protection: Wear protective eye protection.
Skin protection: Avoid skin contact. Use gloves or face protection as needed

9. **PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Represented by type</td>
</tr>
<tr>
<td>pH</td>
<td>4.5-6</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt;55 degrees centigrade</td>
</tr>
<tr>
<td>Flammability</td>
<td>Flammable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative density</td>
<td>Approx 0.82</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Variable and may give a white precipitate</td>
</tr>
</tbody>
</table>

10. **STABILITY AND REACTIVITY**

10.1 **Reactivity:** Product is stable under normal storage conditions. Presents no significant reactivity hazard, by itself or in contact with water

10.2 **Chemical stability** Good stability under normal storage conditions

10.4 **Conditions to avoid** Avoid extreme heat

11. **TOXICOLOGICAL INFORMATION**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation(EC) No 1272/2008 (CLP)

Causes serious eye irritation

Assumed toxicity value (LD50 or ATE) for acute oral toxicity >5000
Assumed toxicity value (LD50 or ATE) for acute Dermal toxicity > 5000
Assumed Toxicity value (LC50 or ATE) for Acute inhalation toxicity: Not available

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12. ECOLOGICAL INFORMATION

12.1 Toxicity: May cause long lasting harmful effects to aquatic life.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment: this substance does not meet the PBT/vPvB criteria of REACH Annex XIII

12.6 Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Dispose of in accordance to local regulations. Avoid disposing into drainage systems and into the environment.

14. TRANSPORT INFORMATION

ADR/RID UN 1266 PERFUMERY PRODUCT., Class 3, Packing Group II
IATA UN 1266 PERFUMERY PRODUCT. Class 3, Packing Group II
IMDG UN 1266 PERFUMERY PRODUCT. Class 3, Packing Group II

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the substance or mixture:

None additional

16. OTHER INFORMATION

Version 1 Date: 25/09/14

This information has been compiled to the best of our knowledge and is believed to be correct. However as it is compiled from different sources no warranty is made as to its accuracy. It is the user’s responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We will not accept liability for misuse of this data resulting in damage or loss.

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