1. Identification of the substance/mixture and of the company

Product Name : SANDALORE
Use of substance/mixture : Preparation of perfumes.
Company :
Pell Wall Perfumes
Pell Wall
Market Drayton
TF9 2AE
UK
email address
telephone
emergency telephone
enquiry@pellwall-perfumes.com
+44 7792 580511

2. Hazard identification

GHS Classification
Aquatic Chronic 2

GHS Labelling
Symbol :
Signal word : Warning
hazard statements : H411 Toxic to aquatic life with long lasting effects
precaution statements : P273 Avoid release to the environment
P501 Dispose of contents/container in accordance with local regulations

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Classified as: DANGEROUS FOR THE ENVIRONMENT
Symbol: N

R-phrases:
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases:
S61: Avoid release to the environment. Refer to special instructions/Safety data sheet

3. Composition/information on ingredients

IUPAC name : 3-methyl-5-(2,2,3-trimethyl-1-cyclopent-3-enyl)pentan-2-ol
Characterisation : Cyclic alcohols
Molecular formula : C14 H26 O
Molecular weight : 210.36
CAS no : 65113-99-7
EINECS no : 265-453-0
FEMA : 

Substances within the mixture

This product contains: EINECS CAS

>95% Sandalore R 51/53: 265-453-0 65113-99-7
ACh2 H 411

For full text of R and H phrases see section 16

4. First aid measures

Inhalation : In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.

Skin contact : Remove contaminated clothing (N.B. wash before re-use). Wash off skin immediately with plenty of water, using soap if available. If any sign of tissue damage or persistent irritation is apparent obtain medical advice immediately.

Eye contact : Rinse the eyes immediately with plenty of water for at least ten minutes. If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.

Ingestion : Rinse mouth with water. Obtain medical advice immediately.

5. Fire-fighting measures

Extinguishing media : Carbon dioxide, foam, dry chemical
Do not use a direct water jet.

Special hazards : CO/CO2, Smoke

Advice for firefighters : Avoid inhalation of smoke and fumes. In case of insufficient ventilation wear suitable respiratory equipment.

6. Accidental release measures

Personal precautions : Gloves and eye protection should be worn when handling spillages. Avoid skin/eye contact and inhalation of vapour. Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working areas following accidental release.

Environmental precautions: Do not allow discharge into drains, soil or any aquatic environment.

Methods for cleaning up : Absorb spillages on porous inert material such as earth, sand or vermiculite and dispose of in accordance with local regulations.

Large spillages should be contained by the use of sand or another inert material, transferred to a suitable container and recovered or disposed of in accordance with local regulations.

See also sections 8 and 13
7. Handling and storage

Precautions for safe handling: Handle in accordance with good occupational hygiene and safety practices in a well ventilated area. Avoid direct contact with skin and eyes. Depending on working conditions, this may include wearing of eye protection and protective clothing such as PVC gloves and suitable overalls. Wash hands after use. Remove protective equipment and contaminated clothing before entering eating areas. Avoid breathing vapours especially if the material is hot.

Conditions for safe storage: Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.

Uses and applications: Fragrances

8. Exposure controls/personal protection

Exposure parameters: No specific exposure limits found

Respiratory Protection: Where ventilation may be inadequate, wear self-contained breathing apparatus.

Hand protection: Wear impervious gloves.

Skin protection: Wear protective clothing.

Eye protection: Wear eye protection e.g. Safety glasses/goggles

Engineering measures: None found

9. Physical and chemical properties

Appearance: Colourless to slightly yellow liquid
Odour: Woody, warm, sweet, sandalwood-like
Odour threshold: Data not available
pH: Data not available
Melting point: Data not available
Initial boiling point: 95°C @ 0.5 mm/Hg
Boiling Range: 95 to 98°C @ 0.5 mm/Hg
Flash point: > 100°C
Evaporation rate: Data not available
Flammability: Data not available
Upper flammable limit: Data not available
Lower flammable limit: Data not available
Upper explosive limit: Data not available
Lower explosive limit: Data not available
Vapour pressure: Data not available
Vapour Density: Data not available
Relative Density: 0.900 @ 20°C
Solubility: Data not available
Partition coefficient n-octanol/water: 4.73
Autoignition temperature: Data not available
Decomposition temperature: Data not available
Viscosity: Data not available
Explosive properties: Data not available
Oxidising properties: Data not available
10. Stability and reactivity

Stability: Stable at ambient temperatures
Incompatible Materials: Avoid oxidising agents
Conditions to avoid: None known
Hazardous Decomposition Products: No data available

11. Toxicological information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>LD50 Oral Rat &gt;5000 mg/kg</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Data not available</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Data not available</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Data not available</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Data not available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Data not available</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Data not available</td>
</tr>
<tr>
<td>STOT single exposure</td>
<td>Data not available</td>
</tr>
<tr>
<td>STOT repeat exposure</td>
<td>Data not available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Data not available</td>
</tr>
</tbody>
</table>

12. Ecological information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity data</td>
<td>Data not available</td>
</tr>
<tr>
<td>Persistence and degradability data</td>
<td>Data not available</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Data not available</td>
</tr>
</tbody>
</table>

13. Disposal considerations

Dispose in accordance with local regulations. Avoid release into drainage systems and into the environment.

14. Transport information

UN No : 3082
Shipping Name : Environmentally hazardous substance, liquid, n.o.s.
Class : 9
Packing Group : III

15. Regulatory information

This datasheet has been compiled in accordance with ‘COMMISSION REGULATION (EU) No 453/2010, Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)’
16. Other information

Changes since the last update

All sections changed due to CLP regulation

Section 3 R and H phrases in full

R 51/53  Toxic to aquatic organisms, may cause long-term adverse effects
         in the aquatic environment

H 411   Toxic to aquatic life with long lasting effects

ACh2    Aquatic chronic 2

The information in this Health and Safety Data Sheet is, to the best of our knowledge, information and belief, correct and consistent with the state of technical information available at the date of its publication. Pell Wall Perfumes cannot however accept liability for any loss, injury and/or damage that results from use or misuse of the information herein.