1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product identifier : DUCK Liquid Rimblock – Purple Wave

Relevant identified uses of the substance or mixture and uses advised against : Toilet Cleaner

Details of the supplier of the safety data sheet : SC Johnson Ltd.
Frimley Green
Camberley
Surrey
GU16 7AJ

Telephone : +441276852000

E-mail address : ask.uk@scj.com

Emergency telephone number : Consumer Care Center
UK - 0800 353 353
Ireland - 1800 409 176

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture : Xi Irritant

Label elements

Symbol(s) : 

R-phrase(s) : R41 Risk of serious damage to eyes.

S-phrase(s) : S 2 Keep out of the reach of children.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

: Wash hands after handling product
For use only in toilets

: octabenzone,
2-(4-tert-butylbenzyl)propionaldehyde,
Detergents regulations:

- Contains 5% and < 15% non-ionic surfactants
- Contains > 15% and < 30% anionic surfactants

**ALSO CONTAINS**
- perfume
- 2-Bromo-2-nitropropane-1,3-diol
- Citronellol
- Limonene
- Linalool
- Butylphenyl methylpropional
- Coumarin

Other hazards:

None identified

See section 11 for more detailed information on health effects and symptoms.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Chemical Name</th>
<th>EC No.</th>
<th>Reg. No.</th>
<th>CAS-No.</th>
<th>Symbol(s)</th>
<th>R-phrase(s)</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C10-16, ethoxylated, sulfates, sodium salts</td>
<td>500-223-8</td>
<td>-</td>
<td>68585-34-2</td>
<td>Xi</td>
<td>R36 R38</td>
<td>&gt;= 10.00 - &lt; 20.00</td>
<td></td>
</tr>
<tr>
<td>Alcohols, C13-15-branched and linear, ethoxylated</td>
<td>500-337-8</td>
<td>-</td>
<td>157627-86-6</td>
<td>Xn, N</td>
<td>R22 R41 R50</td>
<td>&gt;= 5.00 - &lt; 10.00</td>
<td></td>
</tr>
<tr>
<td>Alcohols, C12-14, ethoxylated</td>
<td>500-213-3</td>
<td>-</td>
<td>68439-50-9</td>
<td>Xi, N</td>
<td>R41 R50</td>
<td>&gt;= 0.50 - &lt; 1.00</td>
<td></td>
</tr>
<tr>
<td>4-tert-butycyclohexyl acetaldehyde</td>
<td>250-954-9</td>
<td>-</td>
<td>32210-23-4</td>
<td>N</td>
<td>R51/53</td>
<td>&gt;= 0.00 - &lt; 0.50</td>
<td></td>
</tr>
<tr>
<td>2-(4-tert-butylbenzyl)propionaldehyde</td>
<td>201-289-8</td>
<td>-</td>
<td>80-54-6</td>
<td>Xn, N</td>
<td>R22 R43 R51/53 R62 R38</td>
<td>&gt;= 0.10 - &lt; 0.50</td>
<td></td>
</tr>
<tr>
<td>octabenzone</td>
<td>217-421-2</td>
<td>-</td>
<td>1843-05-6</td>
<td>Xi</td>
<td>R52/53 R43</td>
<td>&gt;= 0.10 - &lt; 0.50</td>
<td></td>
</tr>
<tr>
<td>coumarin</td>
<td>202-086-7</td>
<td>-</td>
<td>91-64-5</td>
<td>Xn</td>
<td>R22 R43</td>
<td>&gt;= 0.10 - &lt; 0.50</td>
<td></td>
</tr>
<tr>
<td>pentyl salicylate</td>
<td>218-080-2</td>
<td>-</td>
<td>2050-08-0</td>
<td>N</td>
<td>R51/53</td>
<td>&gt;= 0.00 - &lt; 0.50</td>
<td></td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**Description of first aid measures**

**Inhalation**
- Move to fresh air.
- If breathing is affected, get medical attention.

**Skin contact**
- Rinse with plenty of water.
- Get medical attention if irritation develops and persists.

**Eye contact**
- Remove contact lenses.
- Protect unharmed eye.
Keep eye wide open while rinsing. Rinse immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

**Eyes**
- Severe eye irritation
- No adverse effects expected when used as directed.

**Skin effect**
- May cause skin irritation.
- No adverse effects expected when used as directed.

**Inhalation**
- No adverse effects expected when used as directed.

**Ingestion**
- May cause abdominal discomfort.
- No adverse effects expected when used as directed.

**Potential environmental effects**
- Not classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.

**Indication of any immediate medical attention and special treatment**
See Description of first aid measures unless otherwise stated.

---

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

- **Suitable**: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- **Unsuitable**: None identified
- **Special hazards arising from the substance or mixture**: In case of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health.
- **Advice for firefighters**: In the event of fire, wear self-contained breathing apparatus. Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.
- **Further information**: Fight fire with normal precautions from a reasonable distance.

---

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**: Use personal protective equipment.
Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Use appropriate containment to avoid environmental contamination.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean residue from spill site. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling
Precautions for safe handling: For personal protection see section 8. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Wear personal protective equipment. Normal measures for preventive fire protection.

Storage
Conditions for safe storage, including any incompatibilities: Keep out of the reach of children. Do not freeze. No decomposition if stored and applied as directed.

Specific end uses: Toilet Cleaner

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Contains no substances with occupational exposure limit values.

Exposure controls
Respiratory protection: In the case of vapour formation use a respirator with an approved filter.
Hand protection: Wear suitable gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water.

Eye protection: Safety glasses
Skin and body protection: Wash contaminated clothing before re-use.
Hygiene measures: Handle in accordance with good industrial hygiene and safety
When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. 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>Colour</td>
<td>purple</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>no data available</td>
</tr>
<tr>
<td>pH</td>
<td>5.1</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>no data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>no data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>no data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.0185 g/cm³</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>completely soluble</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>no data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>no data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>2,060.8 mm²/s</td>
</tr>
</tbody>
</table>
**EXPLOSIVE PROPERTIES:** no data available

**OXIDIZING PROPERTIES:** no data available

### 10. STABILITY AND REACTIVITY

- **Possibility of hazardous reactions:** None known.
- **Conditions to avoid:** Extremes of temperature and direct sunlight.
- **Incompatible materials:** None.
- **Hazardous decomposition products:** No decomposition if stored and applied as directed.

### 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

- **Acute oral toxicity:** LD50 estimated > 2,000 mg/kg. May cause abdominal discomfort. Based on available data, the classification criteria are not met.
- **Acute inhalation toxicity:** No adverse effects expected when used as directed. Based on available data, the classification criteria are not met.
- **Acute dermal toxicity:** LD50 estimated > 2,000 mg/kg. No adverse effects expected when used as directed. Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation:** May cause skin irritation in susceptible persons. Based on available data, the classification criteria are not met.
- **Eye damage/irritation:** Risk of serious damage to eyes.
- **Sensitisation:** Based on available data, the classification criteria are not met.
- **Repeated dose toxicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Mutagenicity:** Based on available data, the classification criteria are not met.
- **Toxicity for reproduction:** Based on available data, the classification criteria are not met.

### 12. ECOLOGICAL INFORMATION
SAFETY DATA SHEET
(according to Regulation (EC) No. 1907/2006)

DUCK Liquid Rimblock – Purple Wave

Toxicity : Based on available data, the classification criteria are not met.
Persistence and degradability : Based on available data, the classification criteria are not met.
Bioaccumulative potential : Based on available data, the classification criteria are not met.
Mobility in soil : Based on available data, the classification criteria are not met.
PBT and vPvB assessment : Based on available data, the classification criteria are not met.
Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Disposal should be in accordance with local, state or national legislation.
Please recycle empty packaging.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

Land transport
- **ADR:**
  Not classified as dangerous in the meaning of transport regulations.

Sea transport
- **IMDG:**
  Not classified as dangerous in the meaning of transport regulations.

Air transport
- **ICAO/IATA:**
  Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture : The product is classified and labelled in accordance with Directive 1999/45/EC.
SAFETY DATA SHEET
(according to Regulation (EC) No. 1907/2006)

DUCK Liquid Rimblock – Purple Wave

Version 1.2
Revision Date 21.02.2011
Print Date 24.02.2011
Specification Number: 350000011503
SITE FORM Number: 30000000000000009437.004

16. OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Further information

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

| R22 | Harmful if swallowed.          |
| R36 | Irritating to eyes.           |
| R38 | Irritating to skin.           |
| R41 | Risk of serious damage to eyes. |
| R43 | May cause sensitization by skin contact. |
| R50 | Very toxic to aquatic organisms. |
| 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. |
| R62 | Possible risk of impaired fertility. |

The information provided in this 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.