

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

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

S-phrases(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

: octabenzene,
2-(4-tert-butylbenzyl)propionaldehyde,

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coumarin,

May produce an allergic reaction.

Detergents regulations : **Contains**
> = 5% and < 15% non-ionic surfactants > = 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

Hazardous components

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

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.

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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.

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- | | | |
|---|---|---|
| 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 |

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practice.
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

Information on basic physical and chemical properties

Appearance	: liquid
Colour	: purple
Odour	: characteristic
Odour Threshold	: no data available
pH	: 5.1
Melting point/freezing point	: no data available
Initial boiling point and boiling range	: no data available
Flash point	: > 100 °C
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper/lower flammability or explosive limits	: no data available
Vapour pressure	: no data available
Vapour density	: no data available
Relative density	: 1.0185 g/cm ³
Solubility(ies)	: completely soluble
Partition coefficient: n-octanol/water	: no data available
Autoignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: 2,060.8 mm ² /s

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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

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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.
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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.
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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.