

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)



DUCK Liquid Rimblock – Polar Sky

Version 1.2
Revision Date 27.10.2010

Print Date 25.11.2010
MSDS Number 350000011504

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

Product information

Product name : DUCK Liquid Rimblock – Polar Sky

Use of the Substance/Mixture : Toilet Cleaner

Company : 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

Risk advice to man and the environment

Risk of serious damage to eyes.

Eyes : Causes eye irritation.
No adverse effects expected when used as directed.

Skin effect : May irritate skin.
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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No. EINECS-No.	Symbol(s)	R-phrased(s)	Weight percent
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	Xi	R36 R38	>= 10.00 - < 20.00
Alcohols, C13-15-branched and	157627-86-6	Xn, N	R22 R41	>= 5.00 - < 10.00

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linear, ethoxylated			R50	
2,6-dimethyloct-7-en-2-ol	18479-58-8 242-362-4	Xi	R36 R38	>= 1.00 - < 5.00
Alcohols, C12-14, ethoxylated	68439-50-9	Xi, N	R41 R50	>= 0.50 - < 1.00
isopentyl salicylate	87-20-7 201-730-4	N	R51/53	>= 0.00 - < 0.50
octabenzene	1843-05-6 217-421-2	Xi	R52/53 R43	>= 0.00 - < 0.50
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	Xi	R36 R38 R43 R52/53	>= 0.00 - < 0.50

4. FIRST AID MEASURES

- Inhalation : No special requirements
- 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.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire fighting : In case of fire and/or explosion do not breathe fumes.
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for fire-fighters : Refer to current EN or National standard as appropriate.
Wear suitable protective clothing and gloves.
In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : Outside of normal use, avoid release to the environment.
Use appropriate containment to avoid environmental contamination.

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Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Storage conditions : Keep out of the reach of children.

Storage stability : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

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 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

Appearance

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Form : liquid
Colour : blue
Odour : characteristic

Safety data

pH : 5.1
Flash point : > 100 °C
Flammability (solid, gas) : Does not sustain combustion.
Vapour pressure : no data available
Density : 1.0185 g/cm³
Water solubility : completely soluble
Viscosity, dynamic : no data available
Viscosity, kinematic : 2,060.8 mm²/s

10. STABILITY AND REACTIVITY

Conditions to avoid : not applicable
Materials to avoid : None.
Hazardous decomposition products : Stable under normal conditions.
Hazardous reactions : None known.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
estimated > 2,000 mg/kg
May cause abdominal discomfort.
Acute inhalation toxicity : No adverse effects expected when used as directed.
Acute dermal toxicity : LD50
estimated > 2,000 mg/kg
No adverse effects expected when used as directed.
Skin irritation : May cause skin irritation in susceptible persons.
Eye irritation : Risk of serious damage to eyes.

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12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : This preparation is Not Classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.

13. DISPOSAL CONSIDERATIONS

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

Contaminated 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

Labelling according to EC Directives

Symbol(s) : Xi Irritant

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

S-phrase(s) : S 2 Keep out of the reach of children.

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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.

Special labelling of certain mixtures : Wash hands after handling product
For use only in toilets

: The product is classified and labelled in accordance with Directive 1999/45/EC.

Sensitising components : octabenzene,
2,4-dimethylcyclohex-3-ene-1-carbaldehyde,
May produce an allergic reaction.

Notification status : All components are included on all applicable EU inventories.
Detergents regulations

Contains

> = 5% and < 15% non-ionic surfactants > = 15% and < 30% Anionic surfactants

ALSO CONTAINS

perfume

2-Bromo-2-nitropropane-1,3-diol, Citral, Limonene, Linalool, Coumarin, Eugenol,

16. OTHER INFORMATION

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.

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