

SAFETY DATA SHEET

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



DUCK Fresh Discs – Lime Zest

Version 1.0
Revision Date 14.08.2010

Print Date 13.09.2010
MSDS Number 350000015487

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

Product information

Product name : DUCK Fresh Discs – Lime Zest

Use of the Substance/Mixture : Cage less rim block

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

Eyes : May cause 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 : Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

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
glycerol	56-81-5			>= 1.00 - < 5.00

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	200-289-5			
Alcohols, C12-14, ethoxylated	68439-50-9	Xi, N	R41 R50	>= 0.00 - < 0.50
d-limonene	5989-27-5 227-813-5	Xi, N	R10 R38 R43 R50/53	>= 0.25 - < 0.50
2-tert-butylcyclohexyl acetate	88-41-5 201-828-7	N	R51/53	>= 0.00 - < 0.50
undecan-4-olide	104-67-6 203-225-4	N	R51/53	>= 0.00 - < 0.50
Alcohols, C10-16	67762-41-8 267-019-6	N	R50	>= 0.00 - < 0.50

4. 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 : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Ingestion : If symptoms persist, call a physician.

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 : Exposure to decomposition products may be a hazard to health.
In case of fire and/or explosion do not breathe fumes.
- Special protective equipment for fire-fighters : 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 : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : If the product contaminates rivers and lakes or drains inform

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respective authorities.

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.
Do not freeze.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	mg/m ³	ppm	Form of exposure	List
glycerol	56-81-5	30 mg/m ³		mist	UK_WELSTEL
		10 mg/m ³		mist	UK_WELTWAS

Personal protective equipment

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 : No special requirements.

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : gel
Colour : green
Odour : characteristic

Safety data

pH : 5 - 6
Flash point : no data available
Flammability (solid, gas) : The product is not flammable.
Autoignition temperature : no data available
Lower explosion limit : no data available
Upper explosion limit : no data available
Vapour pressure : no data available
Density : no data available
Water solubility : completely soluble
Viscosity, dynamic : no data available
Viscosity, kinematic : no data available

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.

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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 : May irritate eyes.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Product : The product should not be allowed to enter drains, water courses or the soil.
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.

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.

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15. REGULATORY INFORMATION

Labelling according to EC Directives

- R-phrase(s) : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S-phrase(s) : S 2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed, seek medical advice immediately and show this container or label.
- Special labelling of certain mixtures : Be attentive of young children when they are near the toilet. (In bold)
Keep out of the reach of pets.
Retain the outer carton for full use and safety instructions.
Wash hands after handling product
For use only in toilet bowls.
- : The product is classified and labelled in accordance with Directive 1999/45/EC.
- Sensitising components : d-limonene,
May produce an allergic reaction.
- Notification status : All components are included on all applicable EU inventories.

Detergents regulations

Contains

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

ALSO CONTAINS

perfume
Iodopropynyl Butylcarbamate, Citronellol, Geraniol, Citral, Limonene,

16. OTHER INFORMATION

Further information

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

R10	Flammable.
R36	Irritating to eyes.

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R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.