

SAFETY DATA SHEET

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



DUCK Fresh Brush

Version 1.0
Revision Date 11.05.2010

Print Date 19.05.2010
MSDS Number 350000013906

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

Product information

Product name : DUCK Fresh Brush

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

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Not classified as dangerous according to Dangerous Preparations Directive (99/45/EC) & amendments.

Eyes : May irritate eyes.
No adverse effects expected when used as directed.

Skin effect : May irritate skin.
No adverse effects expected when used as directed.

Inhalation : Do not mix with bleach or any other household cleaners.
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
Cellulose	9004-34-6 232-674-9			>= 75.00 - <= 100.00

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Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	Xi	R36 R38	>= 1.00 - < 5.00
Alcohols, C12-15, ethoxylated	68131-39-5	N, Xn	R22 R41 R50	>= 0.00 - < 0.50

4. FIRST AID MEASURES

- Inhalation : Move to fresh air.
If breathing is difficult, give oxygen.
Get medical attention immediately.
- Skin contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Eye contact : In case of accidental exposure to chlorine gas:
Immediately flush eye(s) with plenty of water.
Get medical attention immediately.
- 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.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : For personal protection see section 8.
- Advice on protection : Normal measures for preventive fire protection.

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against fire and explosion

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

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
Cellulose	9004-34-6	20 mg/m3		inhalable dust	UK_WELSTEL
		12 mg/m3		respirable dust	UK_WELSTEL
		10 mg/m3		inhalable dust	UK_WELTWAS
		4 mg/m3		respirable dust	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.
Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : Liquid absorbed by inert carrier material
- Colour : white
blue
- Odour : characteristic

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pH	: 5.0 - 5.5
Flash point	: no data available
Autoignition temperature	: not applicable
Water solubility	: dispersible
Partition coefficient: n-octanol/water	: 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 rat 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	: May irritate eyes.

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.
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13. DISPOSAL CONSIDERATIONS

Product	: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.
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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.

15. REGULATORY INFORMATION

Labelling according to EC Directives

S-phrases(s)	:	S 2 S46	Keep out of the reach of children. If swallowed, seek medical advice immediately and show this container or label.
		S50	Do not mix with bleach or any other household cleaners.

Special labelling of certain mixtures	:	As with any household product avoid prolonged skin contact with this product Wash and dry hands after use For use only in toilets Sodium lauryl ether sulfate
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Notification status Contains	:	All components are included on all applicable EU inventories.
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Sodium lauryl ether sulfate Alcohols, C10-16, ethoxylated, sulfates, sodium salts
Detergents regulations

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Contains

< 5% Anionic surfactants, non-ionic surfactants

ALSO CONTAINS

perfume
2-Bromo-2-nitropropane-1,3-diol, Linalool, Hexyl Cinnamal,

16. OTHER INFORMATION

Further information

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

R36 Irritating to eyes.

R22 Harmful if swallowed.

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.