

**SAFETY DATA SHEET**

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



**DUCK Fresh Discs - Marine**

Version 1.1  
Revision Date 24.02.2014

Print Date 25.02.2014  
Specification Number: 350000021644  
SITE FORM Number:  
30000000000000015908.001

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

- 1.1 Product identifier : DUCK Fresh Discs - Marine
  
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Use of the Substance/Mixture : Washing and cleaning products (including solvent based products)  
  
Uses advised against : none known
  
- 1.3 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
  
- 1.4 Emergency telephone number : Consumer Care Center:  
UK - 0800 353 353  
Ireland - 1800 409 176

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

Hazard classification	Hazard category	Hazards identification
Chronic aquatic toxicity	Category 3	Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

**Hazard statements**

(H412) Harmful to aquatic life with long lasting effects.

**Precautionary statements**

- (P101) If medical advice is needed, have product container or label at hand.
- (P102) Keep out of reach of children.
- (P301 + P312) IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

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(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Additional Labelling**

Wash hands after handling product

Be attentive of young children when they are near the toilet. (In bold)

For use only in toilet bowls.

Keep out of the reach of pets.

As with any household product avoid prolonged skin contact with this product

**Contains**

coumarin

May produce an allergic reaction.

**Detergents regulations**

: **Contains**  
> 30% non-ionic surfactants, < 5% aliphatic hydrocarbons, perfume ,  
Linalool, Coumarin, Eugenol, Limonene, Citral

**2.3 Other hazards**

: None identified

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

Chemical Name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	9043-30-5/500-027-2	-	Serious eye damage Category 1 H318 Chronic aquatic toxicity Category 3 H412 Acute toxicity Category 4 H302	>= 1.00 - < 5.00
Naphtha (petroleum), hydrotreated heavy	64742-48-9/918-481-9	01-2119456810-40	Aspiration hazard Category 1 H304	>= 0.50 - < 1.00
pentyl salicylate	2050-08-0/218-080-2	-	Acute aquatic toxicity Category 1 H400	>= 0.10 - < 0.50

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			Chronic aquatic toxicity Category 1 H410	
coumarin	91-64-5/202-086-7	-	Skin sensitisation Category 1B H317 Specific target organ toxicity - repeated exposure Category 2 H373 Acute toxicity Category 3 H301	>= 0.10 - < 0.50
CYCLOHEXYL SALICYLATE	25485-88-5/400- 410-3	-	Chronic aquatic toxicity Category 2 H411	>= 0.10 - < 0.50
<b>WEL substance</b>				
glycerol	56-81-5/200-289-5	-		>= 5.00 - < 10.00

**Additional Information**

For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

- Inhalation : No special requirements
- 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.

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

- Eyes : No adverse effects expected when used as directed.
- Skin effect : No adverse effects expected when used as directed.
- Inhalation : No adverse effects expected when used as directed.

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Ingestion : No adverse effects expected when used as directed.

**4.3 Indication of any immediate medical attention and special treatment needed**

See Description of first aid measures unless otherwise stated.

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**5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : None identified

**5.2 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.

**5.3 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.

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**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.

**6.2 Environmental precautions** : Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Use appropriate containment to avoid environmental contamination.

**6.3 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.

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**6.4 Reference to other sections** : For personal protection see section 8.  
For disposal considerations see section 13.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling** : For personal protection see section 8.  
Normal measures for preventive fire protection.

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

**7.3 Specific end use(s)** : Consumer uses: Private households (= general public = consumers)  
Washing and cleaning products (including solvent based products)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
glycerol	56-81-5	10 mg/m3		mist	UK_WELTWAS
		30 mg/m3		mist	UK_WELSTEL

Refer to current EN or National standard as appropriate.

**8.2 Exposure controls**

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : For prolonged or repeated contact use protective gloves.

Eye/face protection : No special requirements.

Skin and body protection : No special requirements.

Other information : Wash hands before breaks and at the end of workday.

Environmental Exposure Controls : Refer to section 6.

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Appearance	: gel
Colour	: transparent blue
Odour	: green
Odour Threshold	: Test not applicable for this product type
pH	: 4.5 - 6
Melting point/freezing point	: 0 C Test not applicable for this product type
Initial boiling point and boiling range	: > 100 C
Flash point	: does not flash
Evaporation rate	:
Flammability (solid, gas)	: Does not sustain combustion.
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: > 0.0000000 hPa
Vapour density	: Test not applicable for this product type
Relative density	: 1.04 g/cm <sup>3</sup> at 25 C
Solubility(ies)	: completely soluble
Partition coefficient: n-octanol/water	: Test not applicable for this product type
Auto-ignition temperature	: Test not applicable for this product type
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: Very viscous
Viscosity, kinematic	: Very viscous
Explosive properties	: no data available

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Oxidizing properties : Test not applicable for this product type

Other information : None identified

**10. STABILITY AND REACTIVITY****10.1 Reactivity** : No dangerous reaction known under conditions of normal use.**10.2 Chemical stability** : Stable under recommended storage conditions.**10.3 Possibility of hazardous reactions** : None known.**10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.**10.5 Incompatible materials** : None known.**10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.**11. TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute oral toxicity**

Name	Method	Species	Dose
Product	EU CLP LD50 Calculated		> 2,000 mg/kg

**Acute inhalation toxicity**

no data available

**Acute dermal toxicity**

Name	Method	Species	Dose
Product	EU CLP LD50 Calculated		> 2,000 mg/kg

**Acute oral toxicity**

Name	Method	Species	Dose
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.- hydroxy-	EU CLP LD50	rat	500 mg/kg
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	rat	> 5,000 mg/kg
pentyl salicylate	EU CLP LD50	rat	4,100 mg/kg

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coumarin	EU CLP LD50	rat	293 mg/kg
CYCLOHEXYL SALICYLATE	EU CLP LD50	rat	3,031 mg/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
Naphtha (petroleum), hydrotreated heavy	EU CLP LC50 (vapour)	rat	> 7,630 mg/m <sup>3</sup>	4 h

**Acute dermal toxicity**

Name	Method	Species	Dose
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	rabbit	> 2,000 mg/kg
CYCLOHEXYL SALICYLATE	EU CLP LD50	rat	> 2,000 mg/kg

- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation : Based on available data, the classification criteria are not met.
- Skin sensitisation : Based on available data, the classification criteria are not met.
- Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Toxicity for reproduction : Based on available data, the classification criteria are not met.
- STOT - single exposure : Based on available data, the classification criteria are not met.
- STOT - repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

**12. ECOLOGICAL INFORMATION****Product** : The product itself has not been tested.**12.1 Toxicity**

Components	Acute aquatic toxicity	M-Factor	Chronic aquatic toxicity	M-Factor
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	No classification proposed		Harmful to aquatic life with long lasting effects.	



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Naphtha (petroleum), hydrotreated heavy	No classification proposed		No classification proposed	
pentyl salicylate	Very toxic to aquatic life.	1	Very toxic to aquatic life with long lasting effects.	1
coumarin	No classification proposed		No classification proposed	
CYCLOHEXYL SALICYLATE	No classification proposed		Toxic to aquatic life with long lasting effects.	
glycerol	No classification proposed		No classification proposed	

**12.2 Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	79 %	28 d	Readily biodegradable.
Naphtha (petroleum), hydrotreated heavy	no data available		
pentyl salicylate	81.3 %	28 d	Readily biodegradable.
coumarin	100 %	28 d	Readily biodegradable.
CYCLOHEXYL SALICYLATE	77.3 %	28 d	Readily biodegradable.
glycerol	75.3 % 94 %	10 d 24 h	Readily biodegradable.

**12.3 Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	no data available	3.59
Naphtha (petroleum), hydrotreated heavy	no data available	no data available
pentyl salicylate	no data available	no data available
coumarin	no data available	1.39
CYCLOHEXYL SALICYLATE	600 - 900	4.7
glycerol	0.89	-1.76

**12.4 Mobility**

Component	End point	Value
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-		no data available

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Naphtha (petroleum), hydrotreated heavy	log Koc	> 1.783 - < 2.36
pentyl salicylate		no data available
coumarin		no data available
CYCLOHEXYL SALICYLATE	log Koc	3.85
glycerol		no data available

**12.5 PBT and vPvB assessment**

Component	Results
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	Not fulfilling PBT and vPvB criteria
Naphtha (petroleum), hydrotreated heavy	Not fulfilling PBT and vPvB criteria
pentyl salicylate	Not fulfilling PBT and vPvB criteria
coumarin	Not fulfilling PBT and vPvB criteria
CYCLOHEXYL SALICYLATE	Not fulfilling PBT and vPvB criteria
glycerol	Not fulfilling PBT and vPvB criteria

**12.6 Other adverse effects** : None known.**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product	:	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.
Packaging	:	Do not re-use empty containers.

**14. TRANSPORT INFORMATION****Land transport**

Not classified as dangerous in the meaning of transport regulations.

**Sea transport**

Not classified as dangerous in the meaning of transport regulations.

**Air transport**

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Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**16. OTHER INFORMATION**

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

**Further information**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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.