(according to Regulation (EC) No. 2015/830)



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#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING 1.1 Product identifier : Duck<sup>®</sup> Fresh Discs<sup>®</sup> - 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 : SC Johnson Ltd. Frimley Green safety data sheet Camberley GU16 7AJ Telephone : +441276852000 E-mail address : ask.uk@scj.com 1.4 Emergency telephone Consumer Care Center: : UK - 0800 353 353 number

Ireland - 1800 409 176

#### SECTION 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**



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(P102) Keep out of reach of children.
(P101) If medical advice is needed, have product container or label at hand.
(P264) Wash hands thoroughly after handling.
(P301 + P312) IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
(P501) Dispose of contents /container in accordance with local regulations.

#### Additional Labelling Be attentive of young children when they are near the toilet. (In bold) For use in toilet bowls only. Keep out of the reach of pets.

 Detergents regulations
 :

 Contains
 > 30% non-ionic surfactants, perfume
 , LINALOOL, COUMARIN, EUGENOL, Limonene, CITRAL

2.3 Other hazards : None identified

# SECTION 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
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	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
Alcohols, C9-11, ethoxylated	68439-46-3	-	Serious eye damage Category 1 H318	>= 0.50 - < 1.00

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pentyl salicylate	2050-08-0 218-080-2	-	Acute aquatic toxicity Category 1 H400 Chronic aquatic toxicity Category 1 H410	>= 0.10 - < 0.50
[3R- (3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	469-61-4 207-418-4	-	Acute aquatic toxicity Category 1 H400 Chronic aquatic toxicity Category 1 H410 Aspiration hazard Category 1 H304	>= 0.00 - < 0.10

WEL substance				
glycerol	56-81-5 200-289-5	01-2119471987-18		>= 5.00 - < 10.00
diphenyl ether	101-84-8 202-981-2	01-2119472545-33	Chronic aquatic toxicity Category 2 H411 Eye irritation Category 2B H319	>= 0.10 - < 0.50
bornan-2-one	76-22-2 200-945-0	01-2119966156-31	Specific target organ toxicity - single exposure Category 2 H371 Acute toxicity Category 4 H302 Acute toxicity Category 4 H332	>= 0.00 - < 0.10

# Additional Information

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



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### **SECTION 4: FIRST AID MEASURES**

4.1 Description of first aid measure	es	
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.
		In the case of contact with eyes, rinse immediately with plenty of water and
		seek medical advice.
Ingestion	:	If swallowed, do not induce vomiting: seek medical advice immediately and
		show this container or label.
		Rinse mouth with water.
4.2 Most important symptoms and	effe	ects, both acute and delayed
Eyes	:	Causes serious eye irritation.
		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.
Ingestion	:	May cause irritation to mouth, throat and stomach.
		May cause abdominal discomfort.
		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.

# SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable

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

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5.3 Advice for firefighters		n the event of fire, wear self-contained breathing apparatus. Vear suitable protective clothing and gloves.
	R	efer to current EN or National standard as appropriate.

# SECTION 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.
	6.4 Reference to other sections	:	For personal protection see section 8. For disposal considerations see section 13.
SEC	TION 7: HANDLING AND STORAGE		
	7.1 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.
	7.2 Conditions for safe storage, including any incompatibilities	:	Do not freeze. Keep out of the reach of children. Store away from food, beverages and pet food. No decomposition if stored and applied as directed.
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7.3 Specific end use(s)

Consumer uses: Private households (= general public = consumers) Washing and cleaning products (including solvent based products)

### SECTION 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/m		10 mg/m3		mist	UK_WELTWAS
		30 mg/m3		mist	UK_WELSTEL
diphenyl ether	101-84-8	21.3 mg/m3	3 ppm	vapour	UK_WELSTEL
		7.1 mg/m3	1 ppm	vapour	UK_WELTWAS
bornan-2-one	76-22-2	19 mg/m3	3 ppm		UK_WELSTEL
		13 mg/m3	2 ppm		UK_WELTWAS

Refer to current EN or National standard as appropriate.

# 8.2 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/face protection	:	Safety glasses
Skin and body protection	:	Wash contaminated clothing before re-use.
Other information	:	When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
Environmental Exposure Controls	:	Refer to section 6.



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# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties

Appearance	:	gel
Colour	:	transparent blue
Odour	:	Woody Herbal
Odour Threshold	:	Test not applicable for this product type
рН	:	4.5 at (25 C) 1% solution
Melting point/freezing point	:	0 C
Initial boiling point and boiling range	:	> 100 C
Flash point	:	does not flash
Evaporation rate	:	Test not applicable for this product type
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/cm3 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
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Viscosity, dynamic	: Very viscous	
Viscosity, kinematic	: Very viscous	
Explosive properties	: Test not applicable for this product type	
Oxidizing properties	: Test not applicable for this product type	
Other information	: None identified	:

# SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	: No da	ngerous 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	: Extrer	nes of temperature and direct sunlight.
10.5 Incompatible materials	: None	known.
10.6 Hazardous decomposition products	: No de	composition if stored and applied as directed.

# SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

#### Acute oral toxicity

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

#### Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (dust and mist) Calculated		> 5 mg/l	



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#### Acute dermal toxicity

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

# Acute oral toxicity

Name	Method	Species	Dose
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	LD50 Measured	Rat	1,000 mg/kg
Alcohols, C9-11, ethoxylated	LD50 Measured	Rat	1,400 mg/kg
pentyl salicylate	LD50	Rat	4,100 mg/kg
[3R- (3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	LD50	Rat	5,001 mg/kg

### Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available			
Alcohols, C9-11, ethoxylated	LC50 (vapour) Measured	Rat	0.1 mg/l	6 h
pentyl salicylate	No data available			
[3R- (3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	No data available			

# Acute dermal toxicity

	Name	Method	Species	Dose
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Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	
Alcohols, C9-11, ethoxylated	LD50 Measured	5,000 mg/kg
pentyl salicylate	No data available	
[3R- (3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	No data available	

Skin corrosion/irritation	:	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	:	Causes serious eye irritation.
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.

# SECTION 12: ECOLOGICAL INFORMATION

**Product :** The product itself has not been tested.

# 12.1 Toxicity

# Toxicity to fish

Components	End point	Species	Value	Exposure time
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	LC50	Danio rerio (zebra fish)	1 - 10 mg/l	96 h

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Alcohols, C9-11, ethoxylated	LC50 static test	Oncorhynchus mykiss (rainbow trout)	5 - 7 mg/l	96 h
pentyl salicylate	LC50 semi-static test	Danio rerio (zebra fish)	1.34 mg/l	96 h
[3R-(3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	No data available			
glycerol	LC50	Oncorhynchus mykiss (rainbow trout)	51,000 - 57,000 mg/l	96 h
diphenyl ether	LC50 flow-through test	Pimephales promelas (fathead minnow)	4 mg/l	96 h
bornan-2-one	LC50	Danio rerio (zebra fish)	> 35 - < 50 mg/l	96 h

# Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	EC50	Daphnia (water flea)	7.07 mg/l	48 h
Alcohols, C9-11, ethoxylated	EC50 static test	Daphnia magna (Water flea)	2.5 mg/l	48 h
	EC10	Daphnia	2.58 mg/l	21 d
pentyl salicylate	EC50	Daphnia magna (Water flea)	0.88 mg/l	48 h
[3R- (3alpha,3abeta,7beta,8aalpha)]-	EC50	Daphnia pulex (Water flea)	0.044 mg/l	



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2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene				
glycerol	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h
diphenyl ether	LC50 static test Measured	Daphnia magna (Water flea)	1.96 mg/l	48 h
bornan-2-one	EC50 QSAR	Daphnia magna (Water flea)	9.303 mg/l	48 h

# Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	EC50	Desmodesmus subspicatus (green algae)	> 10 mg/l	72 h
Alcohols, C9-11, ethoxylated	EC50	Algae	1.4 - 47 mg/l	72 h
pentyl salicylate	ErC50 Static	Pseudokirchneriella subcapitata (green algae)	0.77 mg/l	72 h
[3R-(3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	No data available			
glycerol	No data available	Scenedesmus quadricauda (Green algae)	> 10,000 mg/l	168 h
diphenyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	2.5 mg/l	96 h
bornan-2-one	EC50 QSAR	Algae	6.951 mg/l	96 h

# 12.2 Persistence and degradability

(according to Regulation (EC) No. 2015/830)



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Component	Biodegradation	Exposure time	Summary
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	79 %	28 d	Readily biodegradable
Alcohols, C9-11, ethoxylated	60 %	28 d	Readily biodegradable
pentyl salicylate	81.3 %	28 d	Readily biodegradable
[3R-(3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7- methanoazulene	No data available		
glycerol	94 %	24 h	Readily biodegradable
diphenyl ether	76 %	20 d	Readily biodegradable
bornan-2-one	77 %	28 d	Readily biodegradable

# 12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	3.59
Alcohols, C9-11, ethoxylated	No data available	3.11 - 4.19
pentyl salicylate	No data available	4.9
[3R-(3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7-methanoazulene	No data available	5.74
glycerol	0.89 estimated	-1.76
diphenyl ether	49 - 594 Measured	4.21
bornan-2-one	No data available	2.414 Measured

# 12.4 Mobility in soil

Component	End point	Value
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	
Alcohols, C9-11, ethoxylated	No data available	
pentyl salicylate	No data available	
[3R-(3alpha,3abeta,7beta,8aalpha)]-	No data available	

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2,3,4,7,8,8a-hexahydro-3,6,8,8- tetramethyl-1H-3a,7-methanoazulene		
glycerol	No data available	
diphenyl ether	log Koc	3.3
bornan-2-one	Кос	2068

#### 12.5 Results of PBT and vPvB assessment

Component	Results	
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	Not fulfilling PBT and vPvB criteria	
Alcohols, C9-11, ethoxylated	Not fulfilling PBT and vPvB criteria	
pentyl salicylate	Not fulfilling PBT and vPvB criteria	
[3R-(3alpha,3abeta,7beta,8aalpha)]- 2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl- 1H-3a,7-methanoazulene	Not fulfilling PBT and vPvB criteria	
glycerol	Not fulfilling PBT and vPvB criteria	
diphenyl ether	Not fulfilling PBT and vPvB criteria	
bornan-2-one	Not fulfilling PBT and vPvB criteria	

12.6 Other adverse effects

: None known.

SECTION 13: DISPOSAL CONSIDERATIONS		
<b>13.1 Waste treatment methods</b> 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.

# SECTION 14: TRANSPORT INFORMATION

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#### 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 Not classified as dangerous in the meaning of transport regulations.

#### SECTION 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.

### SECTION 16: OTHER INFORMATION

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

:

#### Key abbreviations or acronyms used

EC - European Community

- EEC European Economic Community
- CLP Classification Labelling & Packaging
- EN European Standard or European Norm
- PBT Persistent, Bioaccumulative & Toxic
- vPvB very persistent, very bioaccumulative

UN – United Nations

#### **Evaluation methods**

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

#### **Full text of H-Statements**

H302	Harmful if swallowed.



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H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H371	May cause damage to organs.
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.