

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for
Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



Duck Fresh Discs Marine

Version 1.0

Print Date 19.07.2017

Revision Date 28.02.2017

SDS Number 350000029627

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	: Duck Fresh Discs Marine
Other means of Identification	: 350000029627
Recommended use	: Cage less rim block
Restrictions on use	: Use only as directed on label
Australia	: S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111
New Zealand	: S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850
Emergency telephone numbers	: Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850
Poison Information Contacts	: Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Statement of Hazardous Nature (Australia)

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Skin irritation	Category 3	Causes mild skin irritation.
Eye irritation	Category 2	Causes serious eye irritation.
Chronic aquatic toxicity	Category 3 *	Harmful to aquatic life with long lasting

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		effects.
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* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

Statement of Hazardous Nature (New Zealand)

HSNO Classification (NZ): : 6.3B, 6.4A
9.1C

Labelling - Australia **

Hazard symbols



Exclamation mark

Signal word

Warning

Hazard statements

(H316) Causes mild skin irritation.

(H319) Causes serious eye irritation.

(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.

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

(P337 + P313) If eye irritation persists: Get medical advice/ attention.

(P501) Dispose of contents/ container to an approved incineration plant.

Other hazards : None identified

** The information supplied is designed for products predominately used in workplaces; whereas consumer product

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labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

Labelling- New Zealand

Refer Australian labelling above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Glycerin	56-81-5	5.00 - 10.00
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	9043-30-5	1.00 - 5.00
Benzoic acid, 2-hydroxy-, pentyl ester	2050-08-0	0.10 - 0.50
Alpha-Cedrene	469-61-4	0.00 - 0.10
Other non-hazardous ingredients	various	Balance to 100

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

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

- | | | |
|-----------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Specific hazards arising from substance | : | Container may melt and leak in heat of fire. |
| Special protective equipment and precautions for fire fighters | : | Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|----------------------------------------------------------------------------|---|----------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : | Wash thoroughly after handling. |
| Environmental precautions | : | Outside of normal use, avoid release to the environment. |
| Methods and materials for containment and cleaning up | : | Dike large spills.
Clean residue from spill site. |

7. HANDLING AND STORAGE

- | | | |
|--------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | | |
| Precautions for safe handling | : | Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Wash thoroughly after handling. |
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
| Storage | | |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Glycerin	56-81-5	10 mg/m3	-	-	AU_OESTWAS
Glycerin	56-81-5	10 mg/m3	-	-	NZ_WELTWA

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : Safety glasses with side-shields

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : gel

Color : transparent blue

Odor : Woody
Herbal

Odour Threshold : Test not applicable for this product type

pH : 4.5
at (25 C)

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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

Viscosity, dynamic : Very viscous

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Viscosity, kinematic : Very viscous

Oxidizing properties : Test not applicable for this product type

Other information : None identified :

10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : Direct sources of heat.

Incompatible materials : None known.

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5000 mg/kg

Acute inhalation toxicity : LC50 > 5.1 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

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GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin irritation	Category 3	-
Eye irritation	Category 2	-
Skin sensitisation [^]	No classification proposed	-
Respiratory sensitisation [^]	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

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Aggravated Medical Condition : None known.

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12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Glycerin	LC50	Oncorhynchus mykiss (rainbow trout)	51,000 - 57,000 mg/l	96 h
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	LC50	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Benzoic acid, 2-hydroxy-, pentyl ester	semi-static test LC50	Danio rerio (zebra fish)	1.34 mg/l	96 h
Alpha-Cedrene	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h

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Ethoxylated Isotridecyl Alcohol (EO # Unknown)	EC50	Daphnia (water flea)	7.07 mg/l	48 h
Benzoic acid, 2-hydroxy-, pentyl ester	EC50	Daphnia magna (Water flea)	0.88 mg/l	48 h
Alpha-Cedrene	EC50 No data available	Daphnia pulex (Water flea)	0.044 mg/l	

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Glycerin	No data available	Scenedesmus quadricauda (Green algae)	> 10,000 mg/l	168 h
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	EC50	Desmodesmus subspicatus (green algae)	> 10 mg/l	72 h
Benzoic acid, 2-hydroxy-, pentyl ester	Static ErC50	Pseudokirchneriella subcapitata (green algae)	0.77 mg/l	72 h
Alpha-Cedrene	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Glycerin	94 %	24 h	Readily biodegradable
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	79 %	28 d	Readily biodegradable
Benzoic acid, 2-hydroxy-, pentyl ester	81.3 %	28 d	Readily biodegradable
Alpha-Cedrene	No data available		

Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Glycerin	0.89 estimated	-1.76
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	3.59
Benzoic acid, 2-hydroxy-, pentyl ester	No data available	4.9
Alpha-Cedrene	No data available	5.74

Mobility

Component	End point	Value
Glycerin	No data available	-
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	
Benzoic acid, 2-hydroxy-, pentyl ester	No data available	
Alpha-Cedrene	No data available	

PBT and vPvB assessment

Component	Results
Glycerin	Not fulfilling PBT and vPvB criteria
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	Not fulfilling PBT and vPvB criteria
Benzoic acid, 2-hydroxy-, pentyl ester	Not fulfilling PBT and vPvB criteria
Alpha-Cedrene	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : Consumer may discard empty container in trash, or recycle where facilities exist.

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Disposal of any : Do not re-use empty containers.
contaminated packaging

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping 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

Not classified as dangerous in the meaning of transport regulations.

*[§] **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.*

15. REGULATORY INFORMATION

Poisons Schedule : NOT SCHEDULED
(Australia):

HSNO Classification (NZ): : 6.3B, 6.4A
9.1C

HSNO Approval Number : HSR002530 : Cleaning Products (Subsidiary Hazard)
(NZ): Group Standard 2006

16. OTHER INFORMATION

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Key abbreviations or acronyms used

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ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

Further information

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