

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Jul 2020 and New Zealand HSNO



DUCK FRESH DISCS - MARINE (gel)

Version 2.1

Print Date 10.04.2025

Revision Date 20.03.2024

SDS Number 350000035123

GEN_SOF Number 64751

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	: DUCK FRESH DISCS - MARINE (gel)
Other means of Identification	: 350000035123
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
Acute toxicity	Category 5 *	May be harmful if swallowed.
Long-term (chronic) aquatic hazard	Category 3 *	Harmful to aquatic life with long lasting effects.

* Classification not adopted by Australia

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^ 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): : Haz. to aqua Env.chronic CAT 3

Labelling - Australia **

Hazard statements

(H303) May be harmful if swallowed.

(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.

(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 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
Alcohols, C16-18, ethoxylated (EO = 25)	68439-49-6	20.00 - 30.00
Glycerin	56-81-5	1.00 - 5.00
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	1.00 - 5.00
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO = 10)	78330-21-9	1.00 - 5.00
Benzoic acid, 2-hydroxy-, pentyl ester	2050-08-0	0.10 - 0.50
Linalool	78-70-6	0.10 - 0.50

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Diphenyl ether	101-84-8	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 : No special requirements

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.

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.

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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.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.
- Storage**
- Other data** : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
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Glycerin	56-81-5	10 mg/m3	-	-	AU_OESTWAS
Glycerin	56-81-5	10 mg/m3	-	-	NZ_WELTWA
Diphenyl ether	101-84-8	14 mg/m3	2 ppm	-	AU_OESSTEL
Diphenyl ether	101-84-8	7 mg/m3	1 ppm	-	AU_OESTWAS
Diphenyl ether	101-84-8	14 mg/m3	2 ppm	-	NZ_WELSTEL
Diphenyl ether	101-84-8	7 mg/m3	1 ppm	-	NZ_WELTWA

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : No special requirements.

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 : blue

Odor : Marine/Ozone

Odour Threshold : Test not applicable for this product type

pH : 5.0 - 6.0
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 :

Flammability (solid, gas) : Sustains 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 : 150,000 - 500,000 mPa.s

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at 25 °C
Very viscous

Viscosity, kinematic : Test not applicable for this product type

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 : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

Conditions to avoid : Direct sources of heat.

Incompatible materials : Do not mix with bleach or any other household cleaners.
Strong bases
None known.

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

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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 4674 mg/kg

Acute inhalation toxicity : LC50 > 5.1 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 5 *	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 corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
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	No classification proposed	-

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exposure		
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

* 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.

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
Alcohols, C16-18, ethoxylated (EO = 25)	flow-through test LC50 Measured	Cyprinus carpio (Carp)	> 1 - 10 mg/l	96 h
Glycerin	LC50	Oncorhynchus mykiss (rainbow trout)	51,000 - 57,000 mg/l	96 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	LC50	Danio rerio (zebra fish)	7.1 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	0.14 mg/l	28 d

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Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.- hydroxy- (EO = 10)	LC50	Danio rerio (zebra fish)	> 1 - 10 mg/l	96 h
Benzoic acid, 2-hydroxy-, pentyl ester	semi- static test LC50 Measured	Danio rerio (zebra fish)	1.34 mg/l	96 h
Linalool	static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	27.8 mg/l	96 h
Diphenyl ether	flow- through test LC50	Pimephales promelas (fathead minnow)	4 mg/l	96 h
Alpha-Cedrene	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alcohols, C16-18, ethoxylated (EO = 25)	static test EC50 Measured	Daphnia magna (Water flea)	> 1 - 10 mg/l	48 h
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	EC50	Daphnia magna (Water flea)	7.4 mg/l	48 h
	NOEC	Daphnia magna	0.27 mg/l	21 d
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.- hydroxy- (EO = 10)	No data available			

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Benzoic acid, 2-hydroxy-, pentyl ester	EC50 Measured	Daphnia magna (Water flea)	0.88 mg/l	48 h
Linalool	EC50	Daphnia magna (Water flea)	20 mg/l	48 h
Diphenyl ether	static test LC50 Measured	Daphnia magna (Water flea)	1.96 mg/l	48 h
Alpha-Cedrene	EC50	Daphnia pulex (Water flea)	0.044 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alcohols, C16-18, ethoxylated (EO = 25)	static test EC50 Measured	Desmodesmus subspicatus (green algae)	> 1 - 10 mg/l	72 h
Glycerin	EC10	Microcystis aeruginosa (blue-green algae)	2,900 mg/l	168 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	NOEC	Desmodesmus subspicatus (green algae)	0.95 mg/l	72 h
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO = 10)	No data available			
Benzoic acid, 2-hydroxy-, pentyl ester	Static ErC50 Measured	Pseudokirchneriella subcapitata (green algae)	0.77 mg/l	72 h
Linalool	static test EC50	Desmodesmus subspicatus (green algae)	156.7 mg/l	96 h

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Diphenyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	2.5 mg/l	96 h
Alpha-Cedrene	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alcohols, C16-18, ethoxylated (EO = 25)	> 60 %	28 d	Readily biodegradable.
Glycerin	94 %	24 h	Readily biodegradable.
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	96 %	28 d	Readily biodegradable.
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO = 10)	> 60 %	28 d	Readily biodegradable.
Benzoic acid, 2-hydroxy-, pentyl ester	81.3 %	28 d	Readily biodegradable.
Linalool	64.2 %	28 d	Readily biodegradable.
Diphenyl ether	76 %	20 d	Readily biodegradable.
Alpha-Cedrene	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C16-18, ethoxylated (EO = 25)	No data available	No data available
Glycerin	0.89 estimated	-1.76
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No data available	0.3
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO = 10)	No data available	No data available
Benzoic acid, 2-hydroxy-, pentyl ester	1,170	4.9
Linalool	42	2.84 Measured

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Diphenyl ether	49 - 594 Measured	4.21
Alpha-Cedrene		5.74

Mobility

Component	End point	Value
Alcohols, C16-18, ethoxylated (EO = 25)	Koc	> 5000 QSAR -
Glycerin	No data available	-
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No data available	
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO = 10)	No data available	
Benzoic acid, 2-hydroxy-, pentyl ester	log Koc	4.9 -
Linalool	Koc	75 Measured -
Diphenyl ether	log Koc	3.3 -
Alpha-Cedrene		-

PBT and vPvB assessment

Component	Results
Alcohols, C16-18, ethoxylated (EO = 25)	Not fulfilling PBT and vPvB criteria
Glycerin	Not fulfilling PBT and vPvB criteria
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Not fulfilling PBT and vPvB criteria
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO = 10)	Not fulfilling PBT and vPvB criteria
Benzoic acid, 2-hydroxy-, pentyl ester	Not fulfilling PBT and vPvB criteria
Linalool	Not fulfilling PBT and vPvB criteria
Diphenyl ether	Not fulfilling PBT and vPvB criteria
Alpha-Cedrene	Not fulfilling PBT and vPvB criteria

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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.

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

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 (Australia): : NOT SCHEDULED

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HSNO Classification (NZ): : Haz. to aqua Env.chronic CAT 3

HSNO Approval Number (NZ): : Cleaning Products (Subsidiary Hazard) Group Standard 2020 | HSR002530

16. OTHER INFORMATION

Revision Date: 20.03.2024

Key abbreviations or acronyms used

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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Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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