

Safety Data Sheet

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



Duck Blue Plus In Cistern

Version 1.2

Print Date 29.04.2022

Revision Date 29.04.2022

SDS Number 350000005808

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	:	Duck Blue Plus In Cistern
Other means of Identification	:	350000005808
Recommended use	:	Toilet Cleaner
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 4 *	Harmful if swallowed.
Acute toxicity	Category 5 *	May be harmful in contact with skin.
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2	Causes serious eye irritation.

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Long-term (chronic) aquatic hazard	Category 3 *	Harmful to aquatic life with long lasting 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)

Labelling - Australia **

Hazard symbols



Exclamation mark

Signal word

Warning

Hazard statements

- (H302) Harmful if swallowed.
- (H313) May be harmful in contact with skin.
- (H315) Causes 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.
- (P301 + P312) IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- (P501) Dispose of contents/ container to an approved incineration plant.
- (P264) Wash hands thoroughly after handling.

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(P270) Do not eat, drink or smoke when using this product.

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
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	50.00 - 75.00
Sodium sulfate	7757-82-6	10.00 - 20.00
CI acid blue #9, disodium salt	3844-45-9	1.00 - 5.00
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 : Wash off with plenty of water. Take off contaminated clothing and wash before reuse.

Inhalation : No special requirements.

Ingestion : IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

Indication of any : See Description of first aid measures unless otherwise stated.

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immediate medical attention and special treatment needed

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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 : Wear personal protective equipment. Wash thoroughly after handling.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal. 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.** Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Advice on protection : Normal measures for preventive fire protection.

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against fire and explosion

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

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Personal protective equipment

- Respiratory protection** : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
- Hand protection** : Wear suitable gloves.
- 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. Smoking, eating and drinking should be prohibited in the application area.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : solid
- Color** : blue
- Odor** : characteristic
- Odour Threshold** :
- pH** : No data available

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Melting point/freezing point :
Initial boiling point and boiling range : Not applicable
Flash point : Not applicable
Evaporation rate : Not applicable
Flammability (solid, gas) :
Upper/lower flammability or explosive limits :
Vapour pressure : Not applicable
Vapour density :
Relative density : 1.27 - 1.34 g/cm³
Solubility(ies) : completely soluble
Partition coefficient: n-octanol/water :
Auto-ignition temperature :
Decomposition temperature :
Viscosity, dynamic :
Viscosity, kinematic :
Oxidizing properties :
Other information : None identified

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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 593 mg/kg

Acute inhalation toxicity : LC50 2.4 mg/L

Acute dermal toxicity : LD50 2003 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 4	Oral
Acute toxicity	Category 5 *	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour

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Acute toxicity	No classification proposed	Inhalation - Gas
Skin irritation	Category 2	-
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	-

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.*

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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
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	LC50 Measured	Fish	1.67 mg/l	96 h
Sodium sulfate	static test LC50	Lepomis macrochirus	3,040 - 4,380 mg/l	96 h
Cl acid blue #9, disodium salt	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	EC50 Measured	Daphnia magna (Water flea)	2.4 mg/l	48 h
Sodium sulfate	EC50	Daphnia magna (Water flea)	650 mg/l	96 h
Cl acid blue #9, disodium salt	EC50	Daphnia magna (Water flea)	> 100 mg/l	48 h

Toxicity to aquatic plants

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Components	End point	Species	Value	Exposure time
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	EC50 Measured	Algae	29 mg/l	96 h
Sodium sulfate	No data available			
Cl acid blue #9, disodium salt	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data available		Readily biodegradable.
Sodium sulfate	No data available		
Cl acid blue #9, disodium salt	No data available		Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	506	4.78
Sodium sulfate	No data available	-4.38
Cl acid blue #9, disodium salt	No data available	No data available

Mobility

Component	End point	Value
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data available	-
Sodium sulfate	No data available	
Cl acid blue #9, disodium salt	No data available	

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PBT and vPvB assessment

Component	Results
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Not fulfilling PBT and vPvB criteria
Sodium sulfate	Not fulfilling PBT and vPvB criteria
CI acid blue #9, disodium salt	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.

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.

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15. REGULATORY INFORMATION

Poisons Schedule (Australia): : S5

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

16. OTHER INFORMATION

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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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