

## 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 DEEP ACTION GEL PINE

Version 1.0

Print Date 05.06.2020

Revision Date 11.12.2019

SDS Number 350000037890

GEN\_SOF Number 67689

#### 1. PRODUCT AND COMPANY IDENTIFICATION

- Product identifier** : DUCK DEEP ACTION GEL PINE
- Other means of Identification** : 350000037890
- 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
Skin irritation	Category 3	Causes mild skin irritation.
Serious eye damage	Category 1	Causes serious eye damage.
Long-term (chronic) aquatic	Category 3*	Harmful to aquatic life with long lasting

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hazard		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, 8.3A  
9.1C

#### **Labelling - Australia \*\***

##### **Hazard symbols**



Corrosion

##### **Signal word**

Danger

##### **Hazard statements**

(H316) Causes mild skin irritation.

(H318) Causes serious eye damage.

(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.

(P310) Immediately call a POISON CENTER/doctor.

(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 to an approved incineration plant.

(P280) Wear eye protection.

**Other hazards** : None identified

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\*\* 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
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	68424-95-3	0.10 - 0.50
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.10 - 0.50
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.  
Immediately call a POISON CENTER/doctor.

**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.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.
- Storage**
- Requirements for storage areas and containers** : Keep container closed when not in use.

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#### 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** : No special requirements.

**Hand protection** : No special requirements.

**Eye protection** : Wear splash-resistant Chemical goggles.

**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** : liquid

**Color** : green

**Odor** : Woody

**Odour Threshold** : Test not applicable for this product type

**pH** : 3.5 - 4.0

**Melting point/freezing point** : 32 °F

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**Initial boiling point and boiling range** : Test not applicable for this product type

**Flash point** : does not flash

**Evaporation rate** : Test not applicable for this product type

**Flammability (solid, gas)** : The product is not flammable.

**Upper/lower flammability or explosive limits** : Test not applicable for this product type

**Vapour pressure** : Test not applicable for this product type

**Vapour density** : Test not applicable for this product type

**Relative density** : 1.000 - 1.005 g/cm<sup>3</sup> at 20 C

**Solubility(ies)** : soluble

**Partition coefficient: n-octanol/water** : Test not applicable for this product type

**Auto-ignition temperature** : does not ignite

**Decomposition temperature** : Test not applicable for this product type

**Viscosity, dynamic** : 215 - 515 cps  
at 20 °C

**Viscosity, kinematic** : Test not applicable for this product type

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**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 > 5,000 mg/kg

**Acute inhalation toxicity** : LC50 > 5.1 mg/L

**Acute dermal toxicity** : LD50 > 5,000 mg/kg

<b>GHS Properties</b>	<b>Classification</b>	<b>Routes of entry</b>
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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	-
Serious eye damage	Category 1	-
Skin sensitisation <sup>^</sup>	No classification proposed	-
Respiratory sensitisation <sup>^</sup>	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**

: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects



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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
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available			
Alkyl dimethyl benzyl ammonium chloride	LC50	Fish	0.515 mg/l	
	NOEC	Pimephales promelas (fathead minnow)	0.03 mg/l	34 d

### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	EC50 Measured No data available NOEC	Daphnia (water flea)	0.011 - 0.099 mg/l	
		Daphnia magna	0.01 - 0.099 mg/l	
Alkyl dimethyl benzyl ammonium chloride	EC50	Daphnia (water flea)	0.016 mg/l	

### Toxicity to aquatic plants

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Components	End point	Species	Value	Exposure time
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available			
Alkyl dimethyl benzyl ammonium chloride	NOEC	Algae	0.009 mg/l	

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available		Readily biodegradable.
Alkyl dimethyl benzyl ammonium chloride	60 %	13 d	Readily biodegradable.

#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available	No data available
Alkyl dimethyl benzyl ammonium chloride	182.8	3.91

#### Mobility

Component	End point	Value
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available	
Alkyl dimethyl benzyl ammonium chloride	Koc	640389 - 6171657

#### PBT and vPvB assessment

Component	Results
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	Not fulfilling PBT and vPvB criteria
Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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#### 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.

<sup>§</sup> **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

**HSNO Classification (NZ):** : 6.3B, 8.3A  
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**HSNO Approval Number (NZ):** : Cleaning Products (Subsidiary Hazard) Group 2017 - HSR002530

#### 16. OTHER INFORMATION

Revision Date: 11.12.2019

##### 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

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