



A Solenis Company

Safety Data Sheet

TASKI CREW SMARTDOSE (RESTROOM FLOOR & SURFACE CLEANER-CONCENTRATE)

Revision: 2023-12-13

Version: 01.2

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier

Product name: TASKI CREW SMARTDOSE (RESTROOM FLOOR & SURFACE CLEANER-CONCENTRATE)

1.2 Recommended use and restrictions on use

Identified uses:

Floor and surface cleaner - disinfectant

Restrictions of use:

Uses other than those identified are not recommended

1.3 Details of the supplier

Diversey Australia Pty. Limited

Unit 8, 55 Newton Road, Wetherill Park, NSW, 2164

1-7 Bell Grove, Braeside, VIC 3195

Telephone: 1800 647 779 (toll free)

Email: aucustserv@diversey.com

Website: diversey.com.au

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

Call 1800 033 111 (24hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Flammable liquids, Category 3

Skin corrosion, Category 1B

Serious eye damage, Category 1

Acute toxicity, oral, Category 4

2.2 Label elements



Signal word: Danger

Hazard statements:

H226 - Flammable liquid and vapour.

H314 - Causes severe skin burns and eye damage.

H302 - Harmful if swallowed.

Prevention statement(s):

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof electrical, ventilating or lighting equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

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

P280 - Wear protective gloves, protective clothing and eye or face protection.

Response statement(s):

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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P301 + P312 - IF SWALLOWED: Call a POISON CENTRE, doctor or physician if you feel unwell.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P310 - Immediately call a POISON CENTRE, doctor or physician.

P321 - Specific treatment (see supplemental first aid instructions on this label).

P330 - Rinse mouth.

P363 - Wash contaminated clothing before reuse.

P370 + P378 - In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Storage statement(s):

P403 + P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

Disposal statement(s):

P501 - Dispose of unused content as chemical waste.

2.3 Other hazards

No other hazards known.

2.4 Classification diluted product:

Recommended maximum concentration (% w/w): 0.4

Not classified as hazardous

SECTION 3: Composition/information on ingredients**3.1 Substances / Mixtures**

Ingredient(s)	CAS#	EC number	Weight percent
alkyl alcohol ethoxylate	68131-39-5	[4]	10-30
n-alkyl dimethyl benzyl ammonium chloride	68424-85-1	270-325-2	3-10
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	68424-95-3	251-035-5	3-10
tetrasodium ethylene diamine tetraacetate	64-02-8	200-573-9	3-10
dimethyldioctylammonium chloride	5538-94-3	226-901-0	3-10
Didecyldimethyl ammonium chloride	7173-51-5	230-525-2	3-10
sodium hydroxide	1310-73-2	215-185-5	0.1-1

[4] Polymer.

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

SECTION 4: First aid measures**4.1 Description of first aid measures****General Information:**

Symptoms of intoxication may even occur after several hours. It is recommended to continue medical observation for at least 48 hours after the incident. If unconscious place in recovery position and seek medical advice. Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

Inhalation:

Remove person to fresh air and keep comfortable for breathing. Get medical attention or advice if you feel unwell.

Skin contact:

Take off immediately all contaminated clothing and wash it before reuse. Immediately call a POISON CENTRE, doctor or physician.

Eye contact:

Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

Ingestion:

Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Keep at rest. Immediately call a POISON CENTRE, doctor or physician. Get medical attention or advice if you feel unwell.

Self-protection of first aider:

Consider personal protective equipment as indicated in subsection 8.2.

First aid facilities:

Shower and eyewash facilities should be considered in a workplace where necessary. Eyewash facilities should be considered in a workplace where necessary.

4.2 Most important symptoms and effects, both acute and delayed**Inhalation:**

No known effects or symptoms in normal use.

Skin contact:

Causes severe burns.

Eye contact:

Causes severe or permanent damage.

Ingestion:

Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.

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No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

Poison Information Center:

Call 13 11 26 (Australia Wide).

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Carbon dioxide. Dry powder. Sand. Alcohol-resistant foam. Do not use water.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

5.4 Hazchem code

2X

2 - Fine water spray.

X - Liquid-tight chemical protective clothing and breathing apparatus. Contain.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Turn off all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

Keep away from flames and hot surfaces. No smoking. Keep away from heat. Take precautionary measures against static discharges.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Handle and open container with care. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a well-ventilated place. Store in a closed container. Keep only in original packaging. Keep from freezing. Keep cool. Keep away from heat and direct sunlight.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Ingredient(s)	Long term value(s) (TWA)	Short term value(s) (STEL)	Peak value(s)
ethanol	1000 ppm 1880 mg/m ³		

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sodium hydroxide			2 mg/m ³
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Biological limit values, if available:

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.
If available, please refer to the product information sheet for application and handling instructions.
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:
Covering activities such as filling and transfer of product to application equipment, flasks or buckets

Appropriate engineering controls: If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: Safety glasses or goggles (AS/NZS 1337.1). The use of a full-face shield or other full-face protection is strongly recommended when handling open containers or if splashes may occur.

Hand protection: Chemical-resistant protective gloves (AS/NZS 2161.10). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.
Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm
Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm
In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

Body protection: Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 0.4

Appropriate engineering controls: Use only in well ventilated areas.

Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection: No special requirements under normal use conditions.

Hand protection: No special requirements under normal use conditions.

Body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	Method / remark
Physical state: Liquid	
Colour: Clear , Dark , Green	
Odour: Fresh Slightly perfumed	
Odour threshold: Not applicable	
pH: ≈ 7.25 (neat)	ISO 4316
Dilution pH: ≈ 7 (10%)	ISO 4316
Melting point/freezing point (°C): Not determined	Not relevant to classification of this product
Initial boiling point and boiling range (°C): Not determined	
Flammability (liquid): Flammable.	
Flash point (°C): ≈ 54 °C	closed cup
Sustained combustion: The product does not sustain combustion (UN Manual of Tests and Criteria, section 32, L.2)	
Evaporation rate: Not determined	Not relevant to classification of this product
Flammability (solid, gas): Not applicable to liquids	

TASKI CREW SMARTDOSE (RESTROOM FLOOR & SURFACE CLEANER-CONCENTRATE)**Lower and upper explosion limit/flammability limit (%):** Not determined**Vapour pressure:** Not determined**Relative density:** ≈ 1.02 (20 °C)**Relative vapour density:** Not determined.**Particle characteristics:** No data available.**Solubility in / Miscibility with water:** Not miscible or difficult to mix**Partition coefficient: n-octanol/water** No information available.

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined**Decomposition temperature:** Not applicable.**Viscosity:** Not determined**Explosive properties:** Not explosive. Vapours may form explosive mixtures with air.**Oxidising properties:** Not oxidising.**9.2 Other information****Surface tension (N/m):** Not determined**Corrosion to metals:** Not corrosive**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

Take action to prevent static discharges.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**Mixture data: .**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): 1300

ATE - Inhalatory, mists (mg/l): >5

Skin irritation and corrosivity**Result:** Skin corrosive 1B**Method:** Weight of EvidenceSubstance data, where relevant and available, are listed below:.**Acute toxicity**

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride	LD ₅₀	304.5	Rat		
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	LD ₅₀	1780	Rat	OECD 401 (EU B.1)	
ethanol	LD ₅₀	5000	Rat	OECD 401 (EU B.1)	
dimethyldioctylammonium chloride	LD ₅₀	> 300-2000	Rat	Read across	-
Didecyldimethyl ammonium chloride	LD ₅₀	238	Rat	Method not given	

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sodium hydroxide		No data available			
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Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride	LD ₅₀	3412	Rabbit	Method not given	
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	LD ₅₀	> 5000	Rabbit	Method not given	
ethanol	LD ₅₀	> 10000	Rabbit	OECD 402 (EU B.3)	
dimethyldioctylammonium chloride		No data available			
Didecyldimethyl ammonium chloride		No data available			
sodium hydroxide	LD ₅₀	1350	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride		No data available			
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	LC ₅₀	≥ 1-5 (dust)	Rat	OECD 403 (EU B.2)	6
ethanol	LC ₅₀	> 1800	Rat	Non guideline test	4
dimethyldioctylammonium chloride		No data available			
Didecyldimethyl ammonium chloride		No data available			
sodium hydroxide		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
n-alkyl dimethyl benzyl ammonium chloride	Corrosive	Rabbit	Method not given	
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available			
tetrasodium ethylene diamine tetraacetate	Not irritant	Rabbit	OECD 404 (EU B.4)	
ethanol	Not irritant	Rabbit	OECD 404 (EU B.4)	
dimethyldioctylammonium chloride	Corrosive		Method not given	
Didecyldimethyl ammonium chloride	Corrosive	Rabbit	OECD 404 (EU B.4)	
sodium hydroxide	Corrosive	Rabbit	Method not given	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
n-alkyl dimethyl benzyl ammonium chloride	Severe damage		Method not given	
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available			
tetrasodium ethylene diamine tetraacetate	Severe damage		Method not given	
ethanol	Irritant	Rabbit	OECD 405 (EU B.5)	
dimethyldioctylammonium chloride	No data available			
Didecyldimethyl ammonium chloride	Severe damage			
sodium hydroxide	Corrosive	Rabbit	Method not given	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
n-alkyl dimethyl benzyl ammonium chloride	No data available			
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available			
tetrasodium ethylene diamine tetraacetate	No data available			
ethanol	No data available			
dimethyldioctylammonium chloride	No data available			

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Didecyldimethyl ammonium chloride	No data available			
sodium hydroxide	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	No data available			
n-alkyl dimethyl benzyl ammonium chloride	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available			
tetrasodium ethylene diamine tetraacetate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
ethanol	Not sensitising			
dimethyldioctylammonium chloride	No data available			
Didecyldimethyl ammonium chloride	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
sodium hydroxide	Not sensitising		Human repeated patch test	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
n-alkyl dimethyl benzyl ammonium chloride	No data available			
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available			
tetrasodium ethylene diamine tetraacetate	No data available			
ethanol	No data available			
dimethyldioctylammonium chloride	No data available			
Didecyldimethyl ammonium chloride	No data available			
sodium hydroxide	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
alkyl alcohol ethoxylate	No data available		No data available	
n-alkyl dimethyl benzyl ammonium chloride	No evidence of genotoxicity, negative test results	OECD 471 (EU B.12/13) OECD 476 OECD 473	No evidence of genotoxicity, negative test results	OECD 474 (EU B.12)
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available		No data available	
tetrasodium ethylene diamine tetraacetate	No evidence for mutagenicity, negative test results	Method not given	No evidence of genotoxicity, negative test results	Method not given
ethanol	No data available		No data available	
dimethyldioctylammonium chloride	No evidence of genotoxicity, negative test results	OECD 471 (EU B.12/13) draft OECD 487 Read across	No data available	
Didecyldimethyl ammonium chloride	No evidence of genotoxicity, negative test results	OECD 471 (EU B.12/13) OECD 473 OECD 476	No data available	
sodium hydroxide	No evidence for mutagenicity, negative test results	DNA repair test on rat hepatocytes OECD 473	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12) OECD 475 (EU B.11)

Carcinogenicity

Ingredient(s)	Effect
alkyl alcohol ethoxylate	No data available
n-alkyl dimethyl benzyl ammonium chloride	No data available
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available
tetrasodium ethylene diamine tetraacetate	No evidence for carcinogenicity, weight-of-evidence
ethanol	No data available
dimethyldioctylammonium chloride	No data available
Didecyldimethyl ammonium chloride	No data available
sodium hydroxide	No evidence for carcinogenicity, weight-of-evidence

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
alkyl alcohol ethoxylate			No data available				
n-alkyl dimethyl benzyl			No data				

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ammonium chloride			available				
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride			No data available				
tetrasodium ethylene diamine tetraacetate			No data available				No evidence for reproductive toxicity
ethanol			No data available				
dimethyldioctylammonium chloride			No data available				
Didecyldimethyl ammonium chloride			No data available				
sodium hydroxide			No data available				No evidence for developmental toxicity No evidence for reproductive toxicity

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alkyl alcohol ethoxylate		No data available				
n-alkyl dimethyl benzyl ammonium chloride		No data available				
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available				
tetrasodium ethylene diamine tetraacetate		No data available				
ethanol		No data available				
dimethyldioctylammonium chloride		No data available				
Didecyldimethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alkyl alcohol ethoxylate		No data available				
n-alkyl dimethyl benzyl ammonium chloride		No data available				
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available				
tetrasodium ethylene diamine tetraacetate		No data available				
ethanol		No data available				
dimethyldioctylammonium chloride		No data available				
Didecyldimethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alkyl alcohol ethoxylate		No data available				
n-alkyl dimethyl benzyl ammonium chloride		No data available				
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available				
tetrasodium ethylene diamine tetraacetate		No data available				
ethanol		No data available				
dimethyldioctylammonium chloride		No data available				
Didecyldimethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Chronic toxicity

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Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
alkyl alcohol ethoxylate			No data available					
n-alkyl dimethyl benzyl ammonium chloride			No data available					
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride			No data available					
tetrasodium ethylene diamine tetraacetate			No data available					
ethanol			No data available					
dimethyldioctylammonium chloride			No data available					
Didecyldimethyl ammonium chloride			No data available					
sodium hydroxide			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
alkyl alcohol ethoxylate	No data available
n-alkyl dimethyl benzyl ammonium chloride	No data available
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available
tetrasodium ethylene diamine tetraacetate	No data available
ethanol	No data available
dimethyldioctylammonium chloride	No data available
Didecyldimethyl ammonium chloride	No data available
sodium hydroxide	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
alkyl alcohol ethoxylate	No data available
n-alkyl dimethyl benzyl ammonium chloride	No data available
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available
tetrasodium ethylene diamine tetraacetate	Respiratory tract
ethanol	No data available
dimethyldioctylammonium chloride	No data available
Didecyldimethyl ammonium chloride	No data available
sodium hydroxide	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	LC ₅₀	No data available			
n-alkyl dimethyl benzyl ammonium chloride	LC ₅₀	0.515	Fish	Method not given	96
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	LC ₅₀	> 100	<i>Lepomis macrochirus</i>	OPP 72-1, static (EPA)	96
ethanol	LC ₅₀	8150	<i>Alburnus alburnus</i>	Method not given	96
dimethyldioctylammonium chloride	LC ₅₀	0.35	<i>Oncorhynchus mykiss</i>	EPA-OPPTS 850.1075	96
Didecyldimethyl ammonium chloride	LC ₅₀	0.97	<i>Brachydanio</i>	OECD 203 (EU C.1)	96

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			<i>rerio</i>		
sodium hydroxide	LC ₅₀	35	<i>Various species</i>	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride	EC ₅₀	0.016	<i>Daphnia</i>	Method not given	48
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	EC ₅₀	140	<i>Daphnia magna Straus</i>	DIN 38412, Part 11	48
ethanol	EC ₅₀	5012	<i>Daphnia magna Straus</i>	Method not given	48
dimethyldioctylammonium chloride	EC ₅₀	> 0.01-0.1	<i>Daphnia magna Straus</i>	Read across	48
Didecyldimethyl ammonium chloride	EC ₅₀	0.053	<i>Daphnia magna Straus</i>	OECD 202 (EU C.2)	48
sodium hydroxide	EC ₅₀	40.4	<i>Ceriodaphnia sp.</i>	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride	EC ₅₀	0.02	<i>Selenastrum capricornutum</i>	OECD 201 (EU C.3)	72
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	EC ₅₀	> 100	<i>Scenedesmus obliquus</i>	88/302/EEC, Part C, static	72
ethanol	EC ₅₀	675	<i>Scenedesmus quadricauda Not specified</i>	Method not given	72
dimethyldioctylammonium chloride	IC ₅₀	> 0.01-0.1	<i>Not specified</i>	Read across	72
Didecyldimethyl ammonium chloride	EC ₅₀	0.053	<i>Pseudokirchneriella subcapitata</i>	OECD 201 (EU C.3)	72
sodium hydroxide	EC ₅₀	22	<i>Photobacterium phosphoreum</i>	Method not given	0.25

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride		No data available			
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate		No data available			
ethanol		No data available			
dimethyldioctylammonium chloride		No data available			
Didecyldimethyl ammonium chloride		No data available			
sodium hydroxide		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alkyl alcohol ethoxylate		No data available			
n-alkyl dimethyl benzyl ammonium chloride	EC ₂₀	5	<i>Activated sludge</i>	OECD 209	0.5 hour(s)
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available			
tetrasodium ethylene diamine tetraacetate	EC ₂₀	> 500	<i>Activated sludge</i>	OECD 209	0.5 hour(s)
ethanol	EC ₀	6500	<i>Pseudomonas putida</i>	Method not given	16 hour(s)

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dimethyldioctylammonium chloride		No data available			
Didecyldimethyl ammonium chloride		No data available			
sodium hydroxide		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
n-alkyl dimethyl benzyl ammonium chloride		No data available				
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available				
tetrasodium ethylene diamine tetraacetate	NOEC	> 25.7	<i>Brachydanio rerio</i>	OECD 210	35 day(s)	
ethanol		No data available				
dimethyldioctylammonium chloride		No data available				
Didecyldimethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
n-alkyl dimethyl benzyl ammonium chloride	NOEC	0.025	<i>Daphnia magna</i>	OECD 211	21 day(s)	
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride		No data available				
tetrasodium ethylene diamine tetraacetate	NOEC	25	<i>Daphnia magna</i>	OECD 211	21 day(s)	
ethanol		No data available				
dimethyldioctylammonium chloride		No data available				
Didecyldimethyl ammonium chloride	NOEC	> 0.01-0.1	<i>Daphnia magna</i>	OECD 211	21 day(s)	
sodium hydroxide		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
n-alkyl dimethyl benzyl ammonium chloride		No data available				
Didecyldimethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
n-alkyl dimethyl benzyl ammonium chloride		No data available				
tetrasodium ethylene diamine tetraacetate	LD ₅₀	156	<i>Eisenia fetida</i>	OECD 207	14	
Didecyldimethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
n-alkyl dimethyl benzyl ammonium chloride		No data available				

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tetrasodium ethylene diamine tetraacetate	NOEC	0.25 - 1.25			21	
Didecylmethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
n-alkyl dimethyl benzyl ammonium chloride		No data available				
Didecylmethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
n-alkyl dimethyl benzyl ammonium chloride		No data available				
Didecylmethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
n-alkyl dimethyl benzyl ammonium chloride		No data available				
Didecylmethyl ammonium chloride		No data available				
sodium hydroxide		No data available				

12.2 Persistence and degradability**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
n-alkyl dimethyl benzyl ammonium chloride	No data available			
tetrasodium ethylene diamine tetraacetate	No data available			
Didecylmethyl ammonium chloride	No data available			
sodium hydroxide	13 second(s)	Method not given	Rapidly photodegradable	

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
n-alkyl dimethyl benzyl ammonium chloride	No data available			
tetrasodium ethylene diamine tetraacetate	No data available			
Didecylmethyl ammonium chloride	No data available			
sodium hydroxide	No data available			

Abiotic degradation - other processes, if available:

Ingredient(s)	Type	Half-life time	Method	Evaluation	Remark
n-alkyl dimethyl benzyl ammonium chloride		No data available			
tetrasodium ethylene diamine tetraacetate		No data available			
Didecylmethyl ammonium chloride		No data available			
sodium hydroxide		No data available			

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT ₅₀	Method	Evaluation
alkyl alcohol ethoxylate				OECD 301B	Readily biodegradable
n-alkyl dimethyl benzyl ammonium chloride		Oxygen depletion	> 60%	Read across	Readily biodegradable
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride					Readily biodegradable
tetrasodium ethylene diamine tetraacetate				Weight of	Not readily biodegradable.

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				evidence	
ethanol	Activated sludge, aerobe	Oxygen depletion	> 60% in 10 day(s)	OECD 301B	Readily biodegradable
dimethyldioctylammonium chloride		CO ₂ production	86 % in 28 day(s)	OECD 301B	Readily biodegradable
Didecyldimethyl ammonium chloride		Oxygen depletion	> 60%	OECD 301D	Readily biodegradable
sodium hydroxide					Not applicable (inorganic substance)

Ready biodegradability - anaerobic and marine conditions, if available:

Ingredient(s)	Medium & Type	Analytical method	DT ₅₀	Method	Evaluation
n-alkyl dimethyl benzyl ammonium chloride					No data available
tetrasodium ethylene diamine tetraacetate					No data available
Didecyldimethyl ammonium chloride					No data available
sodium hydroxide					No data available

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT ₅₀	Method	Evaluation
n-alkyl dimethyl benzyl ammonium chloride					No data available
tetrasodium ethylene diamine tetraacetate					No data available
Didecyldimethyl ammonium chloride					No data available
sodium hydroxide					No data available

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available			
n-alkyl dimethyl benzyl ammonium chloride	0.004	Method not given	No bioaccumulation expected	at 20 °C
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available			
tetrasodium ethylene diamine tetraacetate	-3.86	Method not given	No bioaccumulation expected	
ethanol	-0.31	Weight of evidence	No bioaccumulation expected	
dimethyldioctylammonium chloride	< 3	Method not given	Low potential for bioaccumulation	
Didecyldimethyl ammonium chloride	No data available			
sodium hydroxide	No data available		Not relevant, does not bioaccumulate	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available				
n-alkyl dimethyl benzyl ammonium chloride	79	<i>Lepomis macrochirus</i>		Low potential for bioaccumulation	
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available				
tetrasodium ethylene diamine tetraacetate	1.8	<i>Lepomis macrochirus</i>	OECD 305	Low potential for bioaccumulation	
ethanol	0.5		Weight of evidence	No bioaccumulation expected	
dimethyldioctylammonium chloride	-			No bioaccumulation expected	
Didecyldimethyl ammonium chloride	2.1		Method not given	No bioaccumulation expected	
sodium hydroxide	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K _{oc}	Desorption coefficient Log K _{oc} (des)	Method	Soil/sediment type	Evaluation
alkyl alcohol ethoxylate	No data available				
n-alkyl dimethyl benzyl ammonium chloride	No data available				
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	No data available				
tetrasodium ethylene diamine tetraacetate	No data available				Adsorption to solid soil phase is not expected
ethanol	No data available				
dimethyldioctylammonium chloride	No data available				
Didecyldimethyl ammonium chloride	No data available				
sodium hydroxide	No data available				Mobile in soil

TASKI CREW SMARTDOSE (RESTROOM FLOOR & SURFACE CLEANER-CONCENTRATE)**12.5 Other adverse effects**

No other adverse effects known.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging**Recommendation:**

Dispose of observing national or local regulations.

SECTION 14: Transport information**ADG, IMO/IMDG, ICAO/IATA**

14.1 UN number or ID number: 1903

14.2 UN proper shipping name:

Disinfectant, liquid, corrosive, n.o.s. (quaternary ammonium compounds)

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 8

14.4 Packing group: II**14.5 Environmental hazards:**

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6 Special precautions for user: None known.

14.7 Maritime transport in bulk according to IMO instruments: The product is not transported in bulk tankers.

Other relevant information:

Hazchem code: 2X

The product has been classified, labelled and packaged in accordance with the requirements of ADG7.8 Code and the provisions of the IMDG Code.

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.

Poison schedule

Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classification

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.

Inventory listing(s)

Australian Inventory of Industrial Chemicals: All components are listed on the inventory, or are exempt.

Additional advice

- Contains an added fragrance, see "Odor" heading in section 9 for specific description

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

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SDS code: MS3100933

Version: 01.2

Revision: 2023-12-13

Reason for revision:

This data sheet contains changes from the previous version in section(s):, 8

Additional information:

Respirators: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

Work practices - solvents: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

Exposure standards - Time Weighted Average (TWA) or Workplace Exposure Standard (WES) (NZ): Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

Personal protective equipment guidelines: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health effects from exposure: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations and acronyms:

- DNEL - Derived No Effect Limit
- AUH - Non GHS hazard statement
- PNEC - Predicted No Effect Concentration
- ATE - Acute Toxicity Estimate
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level
- NOAEL - No observed adverse effect level
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)
- EC No. - European Community Number
- OECD - Organisation for Economic Cooperation and Development

End of Safety Data Sheet