Safety Data Sheet

TASKI VECTRA

Revision: 2023-09-01 **Version:** 01.1

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier
Product name: TASKI VECTRA

1.2 Recommended use and restrictions on use
Identified uses:
Floor finish
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

Skin irritation, Category 2
Eye irritation, Category 2A

2.2 Label elements

Signal word: Warning

Hazard statements:
H315 + H319 - Causes skin and serious eye irritation.

Prevention statement(s):
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P280 - Wear protective gloves.

Response statement(s):
P332 + P313 - If skin irritation occurs: Get medical advice or attention.
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 or attention.
P321 - Specific treatment (see supplemental first aid instructions on this label).
P362 - Take off contaminated clothing.

Disposal statement(s):
P501 - Dispose of unused content as chemical waste.

2.3 Other hazards
No other hazards known.

SECTION 3: Composition/information on ingredients

3.1 Substances / Mixtures

Ingredient(s)	CAS#	EC number	Weight percent
Carbonic acid, ammonium zinc salt (2:2:1)	40861-29-8	255-118-7	1-3
1-phenoxypropan-2-ol	770-35-4	212-222-7	1-3
ammonia	1336-21-6	215-647-6	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

Inhalation: Get medical attention or advice if you feel unwell.
Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
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. If eye irritation persists: Get medical advice or attention. If irritation occurs and persists, get medical attention.
Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. 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: 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 irritation.
Eye contact: Causes severe irritation.
Ingestion: No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

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. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

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

None allocated

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable gloves.

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

Absorb with liquid-binding material (sand, diatomite, universal binders).

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:
No special precautions required.

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. Do not mix with other products unless adviced by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with eyes. 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 closed container. Keep only in original packaging.
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)
ammonia	25 ppm 17 mg/m³	35 ppm 24 mg/m³	

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:

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment
Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).
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: 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: Opaque , Off-white
Odour: Product specific
Odour threshold: Not applicable

pH: ≈ 8.6 (neat) — 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): Not flammable.
Flash point (°C): > 93.4 °C — closed cup
Sustained combustion: Not applicable.
(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
Lower and upper explosion limit/flammability limit (%): Not determined
Vapour pressure: Not determined
Relative vapour density Not determined — Not relevant to classification of this product
Relative density: ≈ 1.03 (20 °C) — OECD 109 (EU A.3)
Solubility in / Miscibility with water: Fully miscible
Partition coefficient: n-octanol/water No information available.

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

Autoignition temperature: Not determined
Decomposition temperature: Not applicable.
Viscosity: ≈ 2 mPa.s (20 °C)
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information
Surface tension (N/m): Not determined
Corrosion to metals: Not corrosive
0.09 %P

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
None known under normal storage and use conditions.

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): >2000

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

Acute toxicity
Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
Carbonic acid, ammonium zinc salt (2:2:1)		No data			

		available			
1-phenoxypropan-2-ol	LD_{50}	> 2000	Rat	Method not given	
tris(2-butoxyethyl) phosphate	LD_{50}	> 2000	Rat	Method not given	
Alcohols, C12-15, ethoxylated	LD_{50}	>300 - <=2000	Rat	Method not given	
ammonia	LD_{50}	350	Rat	Method not given	
alkyl alcohol ethoxylate		No data available			

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
1-phenoxypropan-2-ol	LD_{50}	> 2000	Rat	Method not given	
tris(2-butoxyethyl) phosphate	LD_{50}	> 5000	Rat	Method not given	
Alcohols, C12-15, ethoxylated	LD_{50}	>300 - <=2000	Rabbit	Method not given	
ammonia		No data available			
alkyl alcohol ethoxylate		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
1-phenoxypropan-2-ol	LC_{0}	5.4 (mist)	Rat	Method not given	4
tris(2-butoxyethyl) phosphate	LC_{0}	> 6.4 (mist)	Rat	OECD 403 (EU B.2)	4
Alcohols, C12-15, ethoxylated		No data available			
ammonia	LC_{50}	7.035	Rat	Method not given	0.5
alkyl alcohol ethoxylate		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
1-phenoxypropan-2-ol	No data available			
tris(2-butoxyethyl) phosphate	Not irritant	Rabbit	Method not given	
Alcohols, C12-15, ethoxylated	Mild irritant			
ammonia	Corrosive		Method not given	
alkyl alcohol ethoxylate	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
1-phenoxypropan-2-ol	Irritant		Method not given	
tris(2-butoxyethyl) phosphate	Not corrosive or irritant	Rabbit	Method not given	
Alcohols, C12-15, ethoxylated	Severe damage			
ammonia	Severe damage		Method not given	
alkyl alcohol ethoxylate	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
1-phenoxypropan-2-ol	No data available			
tris(2-butoxyethyl) phosphate	No data available			
Alcohols, C12-15, ethoxylated	No data available			
ammonia	Irritating to respiratory tract		Method not given	
alkyl alcohol ethoxylate	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			

1-phenoxypropan-2-ol	Not sensitising	Guinea pig	Method not given	
tris(2-butoxyethyl) phosphate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
Alcohols, C12-15, ethoxylated	No data available			
ammonia	Not sensitising		Method not given	
alkyl alcohol ethoxylate	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
1-phenoxypropan-2-ol	No data available			
tris(2-butoxyethyl) phosphate	No data available			
Alcohols, C12-15, ethoxylated	No data available			
ammonia	No data available			
alkyl alcohol ethoxylate	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)
Carbonic acid, ammonium zinc salt (2:2:1)	No data available		No data available	
1-phenoxypropan-2-ol	No evidence of genotoxicity, negative test results	Method not given	No evidence of genotoxicity, negative test results	Method not given
tris(2-butoxyethyl) phosphate	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 476 (Chinese Hamster Ovary) OECD 476 (HGPRT)	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)
Alcohols, C12-15, ethoxylated	No data available		No data available	
ammonia	No evidence for mutagenicity		No evidence for mutagenicity	
alkyl alcohol ethoxylate	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
Carbonic acid, ammonium zinc salt (2:2:1)	No data available
1-phenoxypropan-2-ol	No data available
tris(2-butoxyethyl) phosphate	No data available
Alcohols, C12-15, ethoxylated	No data available
ammonia	No data available
alkyl alcohol ethoxylate	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
Carbonic acid, ammonium zinc salt (2:2:1)			No data available				
1-phenoxypropan-2-ol			No data available				No evidence for reproductive toxicity
tris(2-butoxyethyl) phosphate			No data available		Not known		No evidence for reproductive toxicity
Alcohols, C12-15, ethoxylated			No data available				
ammonia			No data available				No evidence for reproductive toxicity
alkyl alcohol ethoxylate			No data available				

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
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
1-phenoxypropan-2-ol		No data available				
tris(2-butoxyethyl) phosphate	NOAEL	20	Rat	Method not given	non-standard	
Alcohols, C12-15, ethoxylated		No data available				

ammonia	NOAEL	68		Method not given		
alkyl alcohol ethoxylate		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
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
1-phenoxypropan-2-ol		No data available				
tris(2-butoxyethyl) phosphate	NOAEL	1000	Rabbit	Method not given	21	
Alcohols, C12-15, ethoxylated		No data available				
ammonia		No data available				
alkyl alcohol ethoxylate		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
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
1-phenoxypropan-2-ol		No data available				
tris(2-butoxyethyl) phosphate		No data available				
Alcohols, C12-15, ethoxylated		No data available				
ammonia		No data available				
alkyl alcohol ethoxylate		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
Carbonic acid, ammonium zinc salt (2:2:1)			No data available					
1-phenoxypropan-2-ol			No data available					
tris(2-butoxyethyl) phosphate			No data available					
Alcohols, C12-15, ethoxylated			No data available					
ammonia			No data available					
alkyl alcohol ethoxylate			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
Carbonic acid, ammonium zinc salt (2:2:1)	No data available
1-phenoxypropan-2-ol	No data available
tris(2-butoxyethyl) phosphate	Not applicable
Alcohols, C12-15, ethoxylated	No data available
ammonia	No data available
alkyl alcohol ethoxylate	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
Carbonic acid, ammonium zinc salt (2:2:1)	No data available
1-phenoxypropan-2-ol	No data available
tris(2-butoxyethyl) phosphate	Not applicable
Alcohols, C12-15, ethoxylated	No data available
ammonia	No data available
alkyl alcohol ethoxylate	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)
Carbonic acid, ammonium zinc salt (2:2:1)	LC_{50}	No data available			
1-phenoxypropan-2-ol	LC_{50}	280	*Pimephales promelas*	Method not given	96
tris(2-butoxyethyl) phosphate	LC_{50}	24	*Oncorhynchus mykiss Various species*	Method not given	96
Alcohols, C12-15, ethoxylated	LC_{50}	> 2	*Fish*	Method not given OECD 203, static	96
ammonia	LC_{50}	0.56 - 2.48	*Fish*	Method not given	96
alkyl alcohol ethoxylate	LC_{50}	No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
1-phenoxypropan-2-ol	LC_{50}	370	*Daphnia magna Straus*	Method not given	48
tris(2-butoxyethyl) phosphate	EC_{50}	53	*Daphnia magna Straus*	Method not given	48
Alcohols, C12-15, ethoxylated	EC_{50}	0.23	*Daphnia*	Method not given OECD 202, static	48
ammonia	EC_{50}	1.1 - 22.8	*Daphnia magna Straus*	Method not given	
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
1-phenoxypropan-2-ol	EC_{50}	> 100	*Desmodesmus subspicatus*	Method not given	72
tris(2-butoxyethyl) phosphate	EC_{50}	61	*Pseudokirchneriella subspicatata*	Method not given	48
Alcohols, C12-15, ethoxylated	EC_{50}	0.75	*Pseudokirchneriella subcapitata*		72
ammonia		No data available			
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
1-phenoxypropan-2-ol		No data available			
tris(2-butoxyethyl) phosphate		No data available			
Alcohols, C12-15, ethoxylated		No data available			
ammonia		No data available			
alkyl alcohol ethoxylate		No data			

		available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
1-phenoxypropan-2-ol		No data available			
tris(2-butoxyethyl) phosphate	EC_{50}	> 1000	*Activated sludge*	Method not given	3 hour(s)
Alcohols, C12-15, ethoxylated		No data available			
ammonia		No data available			
alkyl alcohol ethoxylate		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
1-phenoxypropan-2-ol		No data available				
tris(2-butoxyethyl) phosphate		No data available				
Alcohols, C12-15, ethoxylated	NOEC	> 0.1 - <= 1.0		Method not given		
ammonia		No data available				
alkyl alcohol ethoxylate		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
1-phenoxypropan-2-ol		No data available				
tris(2-butoxyethyl) phosphate		No data available				
Alcohols, C12-15, ethoxylated	NOEC	> 0.1 - <= 1.0		Method not given		
ammonia		No data available				
alkyl alcohol ethoxylate		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
Alcohols, C12-15, ethoxylated	EC_{50}	No data available				

Terrestrial toxicity

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

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT_{50}	Method	Evaluation
Carbonic acid, ammonium zinc salt (2:2:1)					Not applicable (inorganic substance)
1-phenoxypropan-2-ol			72% in 28 day(s)	OECD 301F	Readily biodegradable
tris(2-butoxyethyl) phosphate			87 % in 28 day(s)	OECD 301B	Readily biodegradable
Alcohols, C12-15, ethoxylated	Activated sludge, aerobe	CO_2 production	72% in 28 day(s)	OECD 301B	Readily biodegradable
ammonia					Not applicable (inorganic substance)
alkyl alcohol ethoxylate				OECD 301B	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
1-phenoxypropan-2-ol	1.41	Method not given	Low potential for bioaccumulation	
tris(2-butoxyethyl) phosphate	3.75	Method not given	No bioaccumulation expected	
Alcohols, C12-15, ethoxylated	No data available			
ammonia	0.23	Method not given	No bioaccumulation expected	
alkyl alcohol ethoxylate	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
Carbonic acid, ammonium zinc salt (2:2:1)	No data available				
1-phenoxypropan-2-ol	No data available				
tris(2-butoxyethyl) phosphate	5.8		Method not given	No bioaccumulation expected	
Alcohols, C12-15, ethoxylated	No data available				
ammonia	No data available				
alkyl alcohol ethoxylate	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
Carbonic acid, ammonium zinc salt (2:2:1)	No data available				
1-phenoxypropan-2-ol	No data available				High potential for mobility in soil
tris(2-butoxyethyl) phosphate	2.5		Method not given		Mobile in soil
Alcohols, C12-15, ethoxylated	No data available				
ammonia	No data available				Low mobillity in soil
alkyl alcohol ethoxylate	No data available				

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.

Suitable cleaning agents: Water, if necessary with cleaning agent.

SECTION 14: Transport information

ADG, IMO/IMDG, ICAO/IATA
14.1 UN number or ID number: Non-dangerous goods
14.2 UN proper shipping name: Non-dangerous goods
14.3 Transport hazard class(es): Non-dangerous goods
14.4 Packing group: Non-dangerous goods
14.5 Environmental hazards: Non-dangerous goods
14.6 Special precautions for user: Non-dangerous goods
14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

Other relevant information:
Hazchem code: None allocated

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	A poison schedule number has not been allocated to this product 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.

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

SDS code: MS31000927 **Version:** 01.1 **Revision:** 2023-09-01

Reason for revision:
1, Not applicable

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.

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