Safety Data Sheet

SOFT CARE MILD

Revision: 2018-09-17 **Version:** 01.0

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier
Product name: SOFT CARE MILD

1.2 Recommended use and restrictions on use
Identified uses:
Hand wash , Cosmetic product
Restrictions of use:
Uses other than those identified are not recommended

1.3 Details of the supplier
DIVERSEY NEW ZEALAND LTD.
24 Bancroft Crescent, Glendene, Auckland, 0602, New Zealand
Telephone: +64 9 813 9800; 0800 803 615 (toll free)
Fax: + 64 9 813 9801
Website: www.diversey.com

1.4 Emergency telephone number
Call 0800 243 622 (24 hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

HSNO Classification
6.3B - Mildly irritating to the skin
8.3A - Corrosive to ocular tissue

GHS Equivalent Classification
Skin irritation, Category 3
Serious eye damage, Category 1

2.2 Label elements
Signal word: Danger

Hazard statements:
H316 - Causes mild skin irritation.
H318 - Causes serious eye damage.

Prevention statement(s):
P233 - Keep container tightly closed.

Response statement(s):
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.

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 number	EC number	Weight percent
alcohols, C12-14, ethoxylated, sulphates, sodium salts	68891-38-3	500-234-8	3-10

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	-	931-296-8	3-10
sodium chloride	7647-14-5	231-598-3	1-3
2-phenoxyethanol	122-99-6	204-589-7	1-3
amines, rape-oil, N-(hydroxyethyl), ethoxylated	85536-23-8	Polymer*	0.1-1
sodium benzoate	532-32-1	208-534-8	0.1-1

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: Remove person to fresh air and keep comfortable for breathing.

Skin contact: 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. 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. 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: No known effects or symptoms in normal use.

Eye contact: No known effects or symptoms in normal use.

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 0800 764 766 (0800 POISON)

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

No special measures required.

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, sawdust).

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 hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. 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:

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:	No special requirements under normal use conditions.
Personal protective equipment	
Eye / face protection:	No special requirements under normal use conditions.
Hand protection:	Not applicable.
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, Pearlescent Pink	
Odour: Product specific Slightly perfumed	
Odour threshold: Not applicable	
pH: ≈ 5.3 (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): Not applicable.	
Sustained combustion: Not applicable.	
(UN Manual of Tests and Criteria, section 32, L.2)	
Evaporation rate: Not relevant for classification of this product.	Not relevant to classification of this product
Flammability (solid, gas): Not applicable to liquids	
Upper/lower flammability limit (%): Not determined	
Vapour pressure: See substance data.	
Vapour density: Not determined	Not relevant to classification of this product
Relative density: ≈ 1.0175 (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: ≈ 2000 mPa.s (20 °C)	DM-006 Viscosity - Standard
Explosive properties: Not explosive.	
Oxidising properties: Not oxidising	

9.2 Other information
Surface tension (N/m): Not determined OECD 115
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
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): >5000
ATE - Dermal (mg/kg): >5000
ATE - Inhalatory, vapours (mg/l): 1100

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)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	LD_{50}	> 5000	Rat	OECD 401 (EU B.1)	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	LD_{50}	> 2000	Rat		
sodium chloride	LD_{50}	3000	Rat	Method not given	
2-phenoxyethanol	LD_{50}	1840	Rat	Method not given	
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	LD_{50}	> 2000	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	LD_{50}	> 2000	Rat	OECD 402 (EU B.3)	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available			
sodium chloride	LD_{50}	> 10000	Rabbit	Method not given	
2-phenoxyethanol	LD_{50}	> 2214	Rabbit	Method not given	
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	LD_{50}	> 2000	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available			
sodium chloride	LC_{50}	> 42	Rat	Method not given	1
2-phenoxyethanol	LC_{0}	> 1 (mist)	Rat	Method not given	6

amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	LC_{50}	> 12.2	Rat	Method not given	

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	Irritant	Rabbit	OECD 404 (EU B.4)	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	Not irritant			
sodium chloride	Not irritant		Method not given	
2-phenoxyethanol	Not irritant	Rabbit	OECD 404 (EU B.4)	
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available			
sodium benzoate	Not irritant	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	Severe damage	Rabbit	OECD 405 (EU B.5)	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available			
sodium chloride	Not corrosive or irritant		Method not given	
2-phenoxyethanol	Irritant	Rabbit	OECD 405 (EU B.5)	
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available			
sodium benzoate	Irritant	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available			
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available			
sodium chloride	No data available			
2-phenoxyethanol	No data available			
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available			
sodium benzoate	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	Not sensitising			
sodium chloride	Not sensitising		Method not given	
2-phenoxyethanol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available			
sodium benzoate	Not sensitising		Weight of evidence	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available			
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available			
sodium chloride	No data available			
2-phenoxyethanol	No data available			
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available			
sodium benzoate	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)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 476	No evidence for mutagenicity, negative test results	OECD 475 (EU B.11)
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No data available	
sodium chloride	No data available		No data available	
2-phenoxyethanol	No evidence for mutagenicity, negative test results	Method not given	No data available	

amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available		No data available	
sodium benzoate	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No evidence for carcinogenicity, weight-of-evidence
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available
sodium chloride	No data available
2-phenoxyethanol	No data available
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available
sodium benzoate	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
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOAEL	Developmental toxicity	> 1000	Rat	OECD 414 (EU B.31), oral		No evidence for reproductive toxicity
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts			No data available				
sodium chloride			No data available				
2-phenoxyethanol			No data available				No evidence for reproductive toxicity
amines, rape-oil, N-(hydroxyethyl), ethoxylated			No data available				
sodium benzoate			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
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOAEL	> 225		OECD 408 (EU B.26)	90	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available				
sodium chloride		No data available				
2-phenoxyethanol		No data available				
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available				
sodium benzoate		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
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available				
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available				
sodium chloride		No data available				
2-phenoxyethanol		No data available				
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available				
sodium benzoate		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
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available				
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner		No data available				

salts						
sodium chloride		No data available				
2-phenoxyethanol		No data available				
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available				
sodium benzoate		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
alcohols, C12-14, ethoxylated, sulphates, sodium salts			No data available					
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts			No data available					
sodium chloride			No data available					
2-phenoxyethanol			No data available					
amines, rape-oil, N-(hydroxyethyl), ethoxylated			No data available					
sodium benzoate			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available
sodium chloride	No data available
2-phenoxyethanol	No data available
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available
sodium benzoate	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available
sodium chloride	No data available
2-phenoxyethanol	No data available
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available
sodium benzoate	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)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	LC_{50}	7.1	*Fish*	OECD 203 (EU C.1)	96
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	LC_{50}	1.11		OECD 203, semi-static	96
sodium chloride	LC_{50}	> 5840	*Lepomis macrochirus*	Method not given	-
2-phenoxyethanol	LC_{50}	344	*Pimephales*	Method not given	96

			promelas		
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	LC_{50}	> 100	*Pimephales promelas*	Similar to OECD 203	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	EC_{50}	7.4	*Daphnia magna Straus*	OECD 202 (EU C.2)	48
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	EC_{50}	6.5	*Daphnia magna Straus*		
sodium chloride	EC_{50}	> 3000	*Daphnia magna Straus*	Method not given	24
2-phenoxyethanol	EC_{50}	> 500	*Daphnia magna Straus*	Method not given	48
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	EC_{50}	> 100	*Daphnia magna Straus*	Non guideline test	96

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	EC_{50}	10 - 100	*Pseudokirchneriella subcapitata*	OECD 201 (EU C.3)	72
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		1.5	*Desmodesmus subspicatus*	DIN 38412, Part 9	72
sodium chloride	EC_{50}	2430		Method not given	120
2-phenoxyethanol	EC_{50}	> 500	*Desmodesmus subspicatus*	DIN 38412, Part 9	72
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	EC_{50}	> 100	*Not specified*	OECD 201 (EU C.3)	72

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			-
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available			
sodium chloride		No data available			-
2-phenoxyethanol		No data available			-
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate		No data available			-

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	EC_{0}	> 100		DIN 38412, Part 27	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	EC_{0}	> 3000		Non guideline test	
sodium chloride		No data available			
2-phenoxyethanol	EC_{20}	620	*Activated sludge*	ISO 8192	0.5 hour(s)
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available			
sodium benzoate	EC_{50}	> 100	*Achromobacter sp.*	Method not given	24 hour(s)

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOEC	1 - 10	*Not specified*	OECD 203	45 day(s)	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available				
sodium chloride		No data available				
2-phenoxyethanol	NOEC	23	*Pimephales promelas*	Method not given	34 day(s)	

amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available				
sodium benzoate		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOEC	0.27	*Daphnia sp.*	OECD 211	21 day(s)	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available				
sodium chloride		No data available				
2-phenoxyethanol	NOEC	9.43	*Daphnia magna*	OECD 211	21 day(s)	
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available				
sodium benzoate		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, C12-14, ethoxylated, sulphates, sodium salts		No data available			-	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		No data available				
sodium chloride		No data available			-	
2-phenoxyethanol		No data available			-	
amines, rape-oil, N-(hydroxyethyl), ethoxylated		No data available				
sodium benzoate		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
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			-	
sodium chloride		No data available			-	
2-phenoxyethanol	LD_{50}	1000	*Eisenia fetida*	OECD 207	14	
sodium benzoate		No data available			-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			-	
sodium chloride		No data available			-	
2-phenoxyethanol	EC_{50}	34	*Brassica napus*	OECD 208	19	
sodium benzoate		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			-	
sodium chloride		No data available			-	
2-phenoxyethanol		No data available			-	
sodium benzoate		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw	Species	Method	Exposure time (days)	Effects observed

		soil)				
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			-	
sodium chloride		No data available			-	
2-phenoxyethanol		No data available			-	
sodium benzoate		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			-	
sodium chloride		No data available			-	
2-phenoxyethanol		147	*Not specified*	OECD 217	7	
sodium benzoate		No data 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
alcohols, C12-14, ethoxylated, sulphates, sodium salts		CO_2 production	> 60 % in 28 day(s)	Method not given	Readily biodegradable
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts			> 80 % in 28 day(s)	Method not given	Readily biodegradable
sodium chloride					Not applicable (inorganic substance)
2-phenoxyethanol		COD removal	90 % in 28 day(s)	OECD 301F	Readily biodegradable
amines, rape-oil, N-(hydroxyethyl), ethoxylated					No data available
sodium benzoate		CO_2 production		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
alcohols, C12-14, ethoxylated, sulphates, sodium salts	0.3	Method not given	No bioaccumulation expected	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available			
sodium chloride	No data available			
2-phenoxyethanol	1.2	OECD 107	No bioaccumulation expected	
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available			
sodium benzoate	-2.27	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
alcohols, C12-14, ethoxylated, sulphates, sodium salts	< 3		Method not given	No bioaccumulation expected	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available				
sodium chloride	No data available				
2-phenoxyethanol	0.35		Method not given	No bioaccumulation expected	

amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available				
sodium benzoate	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
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available				
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	No data available				
sodium chloride	No data available				
2-phenoxyethanol	1.61	No data available	Method not given		Potential for adsorption to soil
amines, rape-oil, N-(hydroxyethyl), ethoxylated	No data available				
sodium benzoate	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

Land transport, Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN 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 Transport in bulk according to Annex II of MARPOL and the IBC Code: 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

HSNO Approval Number HSR002552.

Group standard Cosmetic Products Group Standard 2017

Inventory Listing(s) New Zealand: NZIoC (New Zealand Inventory of Chemicals)
All components are listed on the NZIoC 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

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Abbreviations and acronyms:

- DNEL - Derived No Effect Limit
- AUH - GHS Specific 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 - Organization for Economic Cooperation and Development

End of Safety Data Sheet