

SECTION 1: Identification

1.1 Product identifier

Product name : ZOAP
Product form : Mixture
Product code : 308501
Product group : Blend

1.2 Other means of identification

No additional information available

1.3 Recommended use of the chemical and restrictions on use

Recommended use : Detergent Cleaning Compound
Cosmetic ingredient

1.4 Details of manufacturer or importer

Supplier

Azelis New Zealand Ltd
Level 3, 111 Carlton Gore Road,
Newmarket,
Auckland 1023
Tel.: +64 (9) 444 4650
E-mail: sds@azelis.com

1.5. Emergency phone number

No additional information available

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

HSNO Approval Number : HSR002530

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Serious eye damage/eye irritation, Category 1 H318
Skin sensitisation, Category 1 H317

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Hazard pictograms (GHS NZ)



Signal word (GHS NZ)

: Danger

Contains

: Amides, coco, N,N-bis(hydroxyethyl) (3.2 – 3.9 %); Alcohols, C12-14, ethoxylated (1.2 – 1.6 %); D-Limonene (0.2 – 0.6%)

Hazard statements (GHS NZ)

: H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage

Prevention

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

: P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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according to the Hazardous Substances and New Organisms Act (1996)

Disposal : P310 - Immediately call a POISON CENTER or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
: P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Amides, coco, N,N-bis(hydroxyethyl)	CAS-No.: 68603-42-9	3.2 – 3.9	Skin Irrit. 2, H315 Eye Dam. 1, H318
Alcohols, C12-14, ethoxylated	CAS-No.: 68439-50-9	1.2 – 1.6	Eye Dam. 1, H318 Aquatic Acute 1, H400
D-Limonene	CAS-No.: 5989-27-5	0.2 – 0.6	Flam. Liq. 3, H226 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-phenylethanol	CAS-No.: 60-12-8	0.1 – 0.3	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2, H319
Disodium 2,5-dichloro-4-[4-[[[5-[[[dodecyloxy]carbonyl]amino]-2-sulphonatophenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulphonate	CAS-No.: 71873-51-3	0.05 – 0.08	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 1, H410

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Take off contaminated clothing. Wash immediately with plenty of soap and water. Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

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according to the Hazardous Substances and New Organisms Act (1996)

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry chemical. Foam. Water spray.
Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : This product is not combustible.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Sulphur oxides.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. protective gloves.
Other information : Do not use a solid water stream as it may scatter and spread fire. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment. Personnel involved in clean-up require adequate respiratory, skin and eye protection in case of large spillage.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Do not discharge into the subsoil/soil. Do not allow to enter watercourses or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up: : Take up liquid spill into absorbent material. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose in a safe manner in accordance with local/national regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Certified handler is not required for this product.
Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Take off contaminated clothing and wash it before reuse. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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according to the Hazardous Substances and New Organisms Act (1996)

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store in a dry place. Avoid heat and direct sunlight. Avoid exposure to temperatures above 40 °C, sources of ignition, and open flame.
Incompatible materials	: Metals. Oxidizing agents.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

Exposure limit values for the other components

No additional information available

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
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8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	: Protective clothing. Protective goggles. Wear respiratory protection. Boots. Wear protective gloves.
Hand protection	: Protective gloves. Nitrile rubber gloves. Butyl rubber gloves
Eye protection	: Safety glasses. Tightly fitting safety goggles. Face shield
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. If working in a confined space where ventilation is limited or a visible mist is being generated use approved half face respirator with combination cartridge filters suitable for vapours

Personal protective equipment symbol(s)



Environmental exposure controls	: Avoid release to the environment.
Consumer exposure controls	: Handle in accordance with good industrial hygiene and safety procedures. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Do not breathe mist / vapour. Avoid contact with skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Always wash hands and face immediately after handling this product, and once again before leaving the workplace. Remove contaminated clothing. Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Orange
Odour	: Characteristic floral odour
Odour threshold	: No data available
pH	: 8 – 9.5 pH solution: 5 %
Evaporation rate	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: Not applicable Freezing point: < 0 °C
Boiling point	: No data available expected to be ~100 °C

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Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability	: Not applicable
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions. Stable up to 40 °C.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid heat and direct sunlight. Avoid exposure to temperatures above 40 °C, sources of ignition, and open flame.
Incompatible materials	: Metals. Oxidizing agents.
Hazardous decomposition products	: Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Sulphur oxides.

SECTION 11: Toxicological information

11.1. Toxicity

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met). pH: 8 – 9.5
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met).
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met).

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Soil toxicity	: Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met)
Terrestrial vertebrate toxicity	: Not classified (Based on available data, the classification criteria are not met)
Terrestrial invertebrate toxicity	: Not classified (Based on available data, the classification criteria are not met)

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LC50 - Fish [1]	> 100 mg/l
Amides,coco,N,N-bis(hydroxyethyl) (68603-42-9)	
LC50 - Fish [1]	3.6 mg/l (96 h, (Brachydanio rerio), semistatic)
EC50 - Crustacea [1]	2.25 mg/l (48 h, (Ceriodaphnia dubia))
ErC50 algae	2.2 mg/l (96 h, (Scenedesmus subspicatus))
NOEC (chronic)	0.9 mg/l (21 d, (Daphnia magna))

12.2. Persistence and degradability

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Persistence and degradability	Components are readily biodegradable.
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Disodium 2,5-dichloro-4-[4-[[[5-[[[(dodecyloxy)carbonyl]amino]-2- sulphonatophenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1- yl]benzenesulphonate (71873-51-3)

Persistence and degradability	Readily biodegradable.
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Alcohols, C12-14, ethoxylated (68439-50-9)

Persistence and degradability	Readily biodegradable.
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Amides,coco,N,N-bis(hydroxyethyl) (68603-42-9)

Persistence and degradability	Readily biodegradable.
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D-Limonene (5989-27-5)

Persistence and degradability	Readily biodegradable.
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2-phenylethanol (60-12-8)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Does not bioaccumulate significantly.
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Alcohols, C12-14, ethoxylated (68439-50-9)

Bioaccumulative potential	No bioaccumulation.
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Amides,coco,N,N-bis(hydroxyethyl) (68603-42-9)

Bioaccumulative potential	No bioaccumulation.
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12.4. Mobility in soil

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Mobility in soil	No additional information available
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12.5. Other adverse effects

Ozone	: Not classified (Based on available data, the classification criteria are not met)
Other adverse effects	: No additional information available

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according to the Hazardous Substances and New Organisms Act (1996)

SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations	: Regulations concerning reuse or disposal of used packaging materials must be observed.

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. UN Proper Shipping Name

Proper Shipping Name (UN RTDG)	: Not regulated
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated

14.3. Transport hazard class(es)

UN RTDG

Transport hazard class(es) (UN RTDG)	: Not regulated
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IMDG

Transport hazard class(es) (IMDG)	: Not regulated
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IATA

Transport hazard class(es) (IATA)	: Not regulated
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14.4. Packing group

Packing group (UN RTDG)	: Not regulated
Packing group (IMDG)	: Not regulated
Packing group (IATA)	: Not regulated

14.5. Environmental hazards

Dangerous for the environment	: False
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Special transport precautions	: Product does not require tracking.
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Transport by road and rail

No data available

Transport by sea

No data available

Air transport

No data available

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

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according to the Hazardous Substances and New Organisms Act (1996)

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

NZIoC (New Zealand Inventory of Chemicals) : All hazardous components are listed on the New Zealand Inventory of Chemicals.

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002530

Group standard : Cleaning products

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 10-07-2020

Revision date : 23/09/2025

Full text of H-statements

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

SDS New Zealand Revised 23122021

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.