

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026**Section 1: Identification**

Product name : AQUACER 1547
Product code : 000000000000115418

Manufacturer or supplier's details

Company : BYK Netherlands BV
Address : Danzigweg 23
7418 EN Deventer
Telephone : +49 281 670-23532
Telefax : +49 281 670-23533
E-mail address : GHS.BYK@altana.com
Emergency telephone number : 0800 446 881 (toll-free number, access from New Zealand only)
+64 9 929 1483

Importer

Company : Alchemy Agencies Ltd
Level 2, 20 Centre St
Freemans Bay
Auckland 1010 NZ
Tel: +64(0)93770613

Use of the Substance/Mixture : Wax Additive

Section 2: Hazard identification**GHS Classification**

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture
Chemical nature : Anionic emulsion of an oxidized HD polyethylene wax

Components

Chemical name	CAS-No.	Concentration (% w/w)
2-diethylaminoethanol	100-37-8	>= 0.25 -< 0.5

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Section 4: First-aid measures

General advice	:	Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of eye contact	:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	No information available.
Notes to physician	:	No information available.

Section 5: Fire-fighting measures

Suitable extinguishing media	:	Foam Carbon dioxide (CO ₂) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	Carbon oxides Nitrogen oxides (NO _x)
Specific extinguishing methods	:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Try to prevent the material from entering drains or water courses.
Methods and materials for containment and cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

Section 7: Handling and storage

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
---	---	---

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Advice on safe handling	:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Hygiene measures	:	General industrial hygiene practice.
Conditions for safe storage	:	Electrical installations / working materials must comply with the technological safety standards.
Further information on storage conditions	:	Keep away from heat.
Materials to avoid	:	No materials to be especially mentioned.
Further information on storage stability	:	No decomposition if stored and applied as directed.

Section 8: Exposure controls/personal protection**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-diethylaminoethanol	100-37-8	WES-TWA	2 ppm 9.7 mg/m ³	NZ OEL
Further information: Skin absorption				
2-diethylaminoethanol		TWA	2 ppm	ACGIH

Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normally required.
Hand protection	:	
Material	:	butyl-rubber
Remarks	:	Wear suitable gloves.
Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit

Section 9: Physical and chemical properties

Appearance	:	liquid
Colour	:	yellow - brown
Odour Threshold	:	No data available
pH	:	9.7 (20 °C) Concentration: 100 %
Melting point/ range	:	2 °C
Boiling point/boiling range	:	100 °C
Flash point	:	Not applicable
Evaporation rate	:	No data available

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Flammability (liquids)	:	Will not burn
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	1.0 g/cm ³ (20 °C, 1,013 hPa)
Solubility(ies)		
Water solubility	:	completely miscible
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	40 mPa.s

Section 10: Stability and reactivity

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	No data available
Incompatible materials	:	Strong acids and strong bases Strong oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

Section 11: Toxicological information**Acute toxicity**

Not classified due to lack of data.

Product:

Acute oral toxicity	:	Remarks: No data available
Acute inhalation toxicity	:	Acute toxicity estimate: > 20 mg/l Exposure time: 4 h

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026Test atmosphere: vapour
Method: Calculation methodAcute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method**Components:****2-diethylaminoethanol:**

Acute oral toxicity : LD50 (Rat, male and female): 1,320 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 4.6 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Guinea pig): 885 mg/kg

Skin corrosion/irritation

Not classified due to lack of data.

Product:

Remarks : No data available

Components:**2-diethylaminoethanol:**Species : Rabbit
Method : OECD Test Guideline 404
Result : Corrosive**Serious eye damage/eye irritation**

Not classified due to lack of data.

Product:

Remarks : No data available

Components:**2-diethylaminoethanol:**Species : Rabbit
Result : Risk of serious damage to eyes.**Respiratory or skin sensitisation****Skin sensitisation**

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Remarks : No data available

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Components:

2-diethylaminoethanol:

Test Type : Maximisation Test
Exposure routes : Dermal
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

Chronic toxicity

Germ cell mutagenicity

Not classified due to lack of data.

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Result: No data available

Carcinogenicity

Not classified due to lack of data.

Product:

Remarks : No data available

Reproductive toxicity

Not classified due to lack of data.

Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

STOT - single exposure

Not classified due to lack of data.

Product:

Remarks : No data available

STOT - repeated exposure

Not classified due to lack of data.

Product:

Remarks : No data available

Repeated dose toxicity

Product:

Remarks : No data available

Aspiration toxicity

Not classified due to lack of data.

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026**Product:**

No data available

Further information**Product:**

Remarks : No data available

Section 12: Ecological information**Ecotoxicity****Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Components:**2-diethylaminoethanol:**Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 147 mg/l
Exposure time: 96 h
Test Type: static test
Method: DIN 38412Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 83.6 mg/l
Exposure time: 48 h
Test Type: static test
Method: Directive 67/548/EEC, Annex V, C.2.Toxicity to algae/aquatic plants : ErC50 (Scenedesmus subspicatus): 44 mg/l
Exposure time: 72 h
Test Type: static testNOEC (Scenedesmus subspicatus): 5 mg/l
Exposure time: 72 h
Test Type: static test**Persistence and degradability****Product:**

Biodegradability : Remarks: No data available

Components:**2-diethylaminoethanol:**Biodegradability : aerobic
Result: Readily biodegradable.
Method: OECD Test Guideline 301A
GLP: yes

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available

Components:**2-diethylaminoethanol:**Bioaccumulation : Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): < 6.1
Exposure time: 28 d
Method: OECD Test Guideline 305CPartition coefficient: n-
octanol/water : log Pow: 0.21 (23 °C)
Method: OECD Test Guideline 107**Mobility in soil**

No data available

Other adverse effects**Product:**Additional ecological
information : No data available**Section 13: Disposal considerations****Disposal methods**Contaminated packaging : Empty containers should be taken to an approved waste
handling site for recycling or disposal.**Section 14: Transport information****International Regulations****UNRTDG**UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Environmentally hazardous : no**IATA-DGR**UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo
aircraft) : Not applicable
Packing instruction
(passenger aircraft) : Not applicable

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026**IMDG-Code**

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations**NZS 5433**

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Hazchem Code : Not applicable

Special precautions for user

Not applicable

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

Tolerable Exposure Limits (TEL)

Not applicable

Environmental Exposure Limits (EEL)

Not applicable

HSW Controls

Certified handler certificate not required.

Tracking hazardous substance not required.

Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

Section 16: Other information

Revision Date : 14.04.2026
Date format : dd.mm.yyyy

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NZ OEL : New Zealand. Workplace Exposure Standards for Atmospheric Contaminants

ACGIH / TWA : 8-hour, time-weighted average
NZ OEL / WES-TWA : Workplace Exposure Standard - Time Weighted average

AQUACER 1547

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

NZ / EN