

DISPERBYK-2159Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 28.11.2025
Print Date 15.04.2026**Section 1: Identification**

Product name : DISPERBYK-2159
Product code : 000000000000116085

Manufacturer or supplier's details

Company : BYK-Chemie GmbH
Address : Abelstrasse 45
46483 Wesel
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 : Wetting & Dispersing Additive

Section 2: Hazard identification**Other hazards which do not result in classification**

None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture
Chemical nature : solution of polyester modified polyalkylene imine

Components**Section 4: First-aid measures**

Most important symptoms and effects, both acute and delayed : No information available.
Notes to physician : No information available.

Section 5: Fire-fighting measures

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| | | |
|--------------|---|----|
| Hazchem Code | : | 3Y |
|--------------|---|----|

Section 6: Accidental release measures**Section 7: Handling and storage****Section 8: Exposure controls/personal protection****Components with workplace control parameters**

Hand protection

| | | |
|--------------------|---|--------------|
| Material | : | butyl-rubber |
| Break through time | : | > 480 min |

Section 9: Physical and chemical properties

| | | |
|--|---|---|
| Appearance | : | viscous liquid |
| Colour | : | yellow - brown |
| Odour | : | characteristic |
| Odour Threshold | : | No data available |
| pH | : | 6 (20 °C) Concentration: 1 % Method: Universal pH-value indicator |
| Melting point/ range | : | < 5 °C Method: derived |
| Initial boiling point | : | > 100 °C Method: derived |
| Flash point | : | 45 °C Method: 48 (Abel-Pensky) DIN 51755 |
| Evaporation rate | : | No data available |
| Flammability (liquids) | : | Sustains combustion |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Vapour pressure | : | 3.1 hPa (20 °C) Method: derived |
| Relative vapour density | : | No data available |
| Relative density | : | No data available |

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| | | |
|--|---|---|
| Density | : | 1.046 g/cm ³ (20 °C, 1,013 hPa) Method: 4 (20°C oscillating U-tube) |
| Bulk density | : | Not applicable |
| Solubility(ies) | : | |
| Water solubility | : | insoluble |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Auto-ignition temperature | : | > 200 °C Method: DIN 51 794/ DIN prEN 14 522 |
| Decomposition temperature | : | No data available |
| Viscosity | : | |
| Viscosity, dynamic | : | No data available |
| Surface tension | : | not determined |

Section 10: Stability and reactivity

| | | |
|----------------------------------|---|---|
| Incompatible materials | : | Strong oxidizing agents Strong acids |
| Hazardous decomposition products | : | None known. |

Section 11: Toxicological information**Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

Skin corrosion/irritation**Product:**

Remarks : No data available

Respiratory or skin sensitisation**Product:**

Remarks : No data available

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Chronic toxicity

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Result: No data available

Carcinogenicity

Product:

Remarks : No data available

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

STOT - single exposure

Product:

Remarks : No data available

STOT - repeated exposure

Product:

Remarks : No data available

Repeated dose toxicity

Product:

Remarks : No data available

Aspiration toxicity

Product:

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

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Persistence and degradability**Product:**

Biodegradability : Remarks: No data available

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available

Mobility in soil

No data available

Other adverse effectsNo data available

Section 13: Disposal considerations**Disposal methods**

Section 14: Transport information**International Regulations****UNRTDG**UN number : UN 3272
Proper shipping name : ESTERS, N.O.S.
(1-Methoxy-2-propanol acetate)
Class : 3
Packing group : III
Labels : 3
Environmentally hazardous : no**IATA-DGR**UN/ID No. : UN 3272
Proper shipping name : Esters, n.o.s.
(1-Methoxy-2-propanol acetate)
Class : 3
Packing group : III
Labels : Flammable Liquids
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355**IMDG-Code**UN number : UN 3272
Proper shipping name : ESTERS, N.O.S.
(1-Methoxy-2-propanol acetate)
Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-D
Marine pollutant : no
Remarks : IMDG Code segregation group - none

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Not applicable for product as supplied.

National Regulations**NZS 5433**

| | | |
|----------------------|---|--|
| UN number | : | UN 3272 |
| Proper shipping name | : | ESTERS, N.O.S. (1-Methoxy-2-propanol acetate) |
| Class | : | 3 |
| Packing group | : | III |
| Labels | : | 3 |
| Hazchem Code | : | 3Y |
| Marine pollutant | : | no |

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Section 16: Other information

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

Full text of other abbreviations

AllC - 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

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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.

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