

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

Print date : 08.03.2018

Based on available data, the classification criteria are not met.

Acute oral toxicity

Parameter :	LD50 (1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2)
Exposure route :	Oral
Species :	Rat
Effective dose :	4016 mg/kg
Parameter :	LD50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Exposure route :	Oral
Species :	Rat
Effective dose :	10760 mg/kg
Method :	OECD 423
Parameter :	LD50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg
Parameter :	LD50 (HYDROCARBONS, C9, AROMATES)
Exposure route :	Oral
Species :	Rat
Effective dose :	3592 mg/kg
Method :	OECD 401
Parameter :	LD50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Exposure route :	Oral
Species :	Mouse
Effective dose :	4100 mg/kg
Parameter :	LD50 (XYLENE ; CAS No. : 1330-20-7)
Exposure route :	Oral
Species :	Rat
Effective dose :	3523 mg/kg
Parameter :	LD50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Exposure route :	Oral
Species :	Rat
Effective dose :	5620 mg/kg
Parameter :	LD50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Exposure route :	Oral
Species :	Rabbit
Effective dose :	4934 mg/kg
Parameter :	LD50 (ACETONE ; CAS No. : 67-64-1)
Exposure route :	Oral
Species :	Rat
Effective dose :	5800 mg/kg
Method :	OECD 401
Parameter :	LD50 (HYDROCARBONS, C9-C10, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg
Method :	OECD 401
Parameter :	LD50 (PROPAN-2-OL ; CAS No. : 67-63-0)
Exposure route :	Oral
Species :	Rat
Effective dose :	4570 mg/kg
Parameter :	LD50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Exposure route :	Oral
Species :	Rat
Effective dose :	3350 mg/kg
Method :	OECD 401
Parameter :	LD50 (BUTANONE ; CAS No. : 78-93-3)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 2193 mg/kg

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Method : OECD 423
Parameter : LD50 (ETHANOL ; CAS No. : 64-17-5)
Exposure route : Oral
Species : Rat
Effective dose : > 2000 mg/kg
Method : OECD 401
Parameter : LD50 (BUTAN-1-OL ; CAS No. : 71-36-3)
Exposure route : Oral
Species : Rat
Effective dose : 790 mg/kg
Parameter : LD50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Exposure route : Oral
Species : Male
Effective dose : > 2830 mg/kg
Method : OECD 401
Parameter : LD50 (TOLUENE ; CAS No. : 108-88-3)
Exposure route : Oral
Species : Rat
Effective dose : 5580 mg/kg
Method : OECD 401
Parameter : LD50 (METHANOL ; CAS No. : 67-56-1)
Exposure route : Oral
Species : Rat
Effective dose : 2769 mg/kg

Acute dermal toxicity

Parameter : LD50 (1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2)
Exposure route : Dermal
Species : Rabbit
Effective dose : 2000 mg/kg
Parameter : LD50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 14112 mg/kg
Method : OECD 402
Parameter : LD50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Exposure route : Dermal
Effective dose : > 2000 mg/kg
Parameter : LD50 (HYDROCARBONS, C9, AROMATES)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 3160 mg/kg
Method : OECD 402
Parameter : LD50 (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Dermal
Species : Rabbit
Effective dose : 12126 mg/kg
Parameter : LD50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Exposure route : Dermal
Species : Rabbit
Effective dose : 18000 mg/kg
Parameter : LD50 (ACETONE ; CAS No. : 67-64-1)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 15800 mg/kg
Parameter : LD50 (HYDROCARBONS, C9-C10, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 5000 mg/kg
Method : OECD 402

Safety Data Sheet

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Parameter :	LD50 (PROPAN-2-OL ; CAS No. : 67-63-0)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 5000 mg/kg
Parameter :	LD50 (BUTANONE ; CAS No. : 78-93-3)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg
Method :	OECD 402
Parameter :	LD50 (ETHANOL ; CAS No. : 64-17-5)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg
Method :	OECD 402
Parameter :	LD50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg
Method :	OECD 402
Parameter :	LD50 (BUTAN-1-OL ; CAS No. : 71-36-3)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	3400 mg/kg
Parameter :	LD50 (TOLUENE ; CAS No. : 108-88-3)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	12124 mg/kg
Parameter :	LD50 (METHANOL ; CAS No. : 67-56-1)
Exposure route :	Dermal
Species :	Rat
Effective dose :	17100 mg/kg
Acute inhalation toxicity	
Parameter :	LC50 (1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	27,596 mg/l
Exposure time :	6 h
Parameter :	LC50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	23,4 mg/l
Exposure time :	4 h
Method :	OECD 403
Parameter :	LC0 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Exposure route :	Inhalative (vapour)
Species :	Rat
Effective dose :	> 20 mg/l
Exposure time :	6 h
Parameter :	LC50 (XYLENE ; CAS No. : 1330-20-7)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	27123 mg/m ³
Exposure time :	4 h
Parameter :	LD50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	58 mg/l
Exposure time :	8 h
Parameter :	LC50 (ACETONE ; CAS No. : 67-64-1)
Exposure route :	Inhalation

Safety Data Sheet

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Trade name : EUROLUB Nitroverdünnung

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Version (Revision) : 26.0.0 (25.0.0)

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Species :	Rat
Effective dose :	76 mg/l
Exposure time :	4 h
Parameter :	LC50 (HYDROCARBONS, C9-C10, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 4951 mg/m ³
Exposure time :	4 h
Method :	OECD 403
Parameter :	LC50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 18,18 mg/l
Exposure time :	6 h
Parameter :	LC50 (PROPAN-2-OL ; CAS No. : 67-63-0)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	30 mg/l
Exposure time :	4 h
Parameter :	LC50 (BUTANONE ; CAS No. : 78-93-3)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	34 mg/l
Exposure time :	4 h
Parameter :	LC50 (ETHANOL ; CAS No. : 64-17-5)
Exposure route :	Inhalation
Species :	Mouse
Effective dose :	> 20 mg/l
Exposure time :	4 h
Parameter :	LC50 (BUTAN-1-OL ; CAS No. : 71-36-3)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	8000 ppm
Parameter :	LC50 (PROPAN-2-OL ; CAS No. : 67-63-0)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	47,5 mg/l
Exposure time :	8 h
Parameter :	LC50 (TOLUENE ; CAS No. : 108-88-3)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	31 mg/l
Exposure time :	4 h
Method :	OECD 403
Parameter :	LC50 (METHANOL ; CAS No. : 67-56-1)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	128,2 mg/l
Exposure time :	4 h

Irritant and corrosive effects

Primary irritation to the skin

Parameter :	Primary irritation to the skin (ETHANOL ; CAS No. : 64-17-5)
Species :	Rabbit
Result :	Not irritant
Method :	OECD 404
Parameter :	Primary irritation to the skin (TOLUENE ; CAS No. : 108-88-3)
Species :	Rabbit
Result :	Irritant

Safety Data Sheet

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Trade name : EUROLUB Nitroverdünnung

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Method : OECD 404
Causes skin irritation.

Irritation to eyes

Parameter : Irritation to eyes (ETHANOL ; CAS No. : 64-17-5)

Species : Rabbit

Result : irritant

Method : OECD 405

Parameter : Irritation to eyes (TOLUENE ; CAS No. : 108-88-3)

Species : Rabbit

Result : Not an irritant

Method : OECD 405

Causes serious eye damage.

Sensitisation

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

There are no data available on the preparation/mixture itself.

11.4 Other adverse effects

Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc. Has degreasing effect on the skin.

11.5 Additional information

The product is classified and labelled according to EC directives or corresponding national laws. Classification according to Regulation (EC) No 1272/2008 [CLP] Toxicological data are not available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Harmful to aquatic life with long lasting effects.

Acute (short-term) fish toxicity

Parameter : LC50 (1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2)

Species : Leuciscus idus (golden orfe)

Effective dose : 6812 mg/l

Exposure time : 96 h

Parameter : LC50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)

Species : Pimephales promelas (fathead minnow)

Effective dose : 18 mg/l

Exposure time : 96 h

Method : OECD 203

Parameter : LC50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)

Species : Oncorhynchus mykiss (Rainbow trout)

Safety Data Sheet

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Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

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Effective dose : 134 mg/l
Exposure time : 96 h
Method : OECD 203
Parameter : LC50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 230 mg/l
Exposure time : 96 h
Parameter : LC50 (XYLENE ; CAS No. : 1330-20-7)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 7,6 mg/l
Exposure time : 96 h
Parameter : LL50 (HYDROCARBONS, C9, AROMATES)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 9,2 mg/l
Exposure time : 96 h
Parameter : LC50 (ACETONE ; CAS No. : 67-64-1)
Species : Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter : Süßwasser
Effective dose : 5540 mg/l
Exposure time : 96 h
Method : statischer Test
Parameter : LC50 (ACETONE ; CAS No. : 67-64-1)
Species : Alburnus alburnus (alburnum)
Evaluation parameter : Meerwasser
Effective dose : 11000 mg/l
Exposure time : 96 h
Method : statischer Test
Parameter : NOELR (HYDROCARBONS, C9-C10, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 10 - 30 mg/l
Exposure time : 96 h
Parameter : LC50 (PROPAN-2-OL ; CAS No. : 67-63-0)
Species : Pimephales promelas (fathead minnow)
Effective dose : 9640 mg/l
Exposure time : 96 h
Parameter : LC50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Species : Pimephales promelas (fathead minnow)
Effective dose : 1430 mg/l
Exposure time : 96 h
Parameter : LC50 (BUTANONE ; CAS No. : 78-93-3)
Species : Pimephales promelas (fathead minnow)
Effective dose : 2990 mg/l
Exposure time : 96 h
Method : OECD 203
Parameter : LC50 (ETHANOL ; CAS No. : 64-17-5)
Species : Leuciscus idus (golden orfe)
Effective dose : > 100 mg/l
Exposure time : 48 h
Method : OECD 203
Parameter : LC50 (TOLUENE ; CAS No. : 108-88-3)
Species : Oncorhynchus kisutch (Lachs)
Effective dose : 5,5 mg/l
Exposure time : 96 h
Parameter : LC50 (METHANOL ; CAS No. : 67-56-1)
Species : Lepomis macrochirus (Bluegill)
Effective dose : 15400 mg/l
Exposure time : 96 h

Chronic (long-term) fish toxicity

Safety Data Sheet

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Version (Revision) : 26.0.0 (25.0.0)

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Parameter : NOEC (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Species : Oryzias latipes (roter Killifisch)
Effective dose : 47,5 mg/l
Exposure time : 14 d
Method : OECD 204
Parameter : NOEC (TOLUENE ; CAS No. : 108-88-3)
Species : Oncorhynchus kisutch (Lachs)
Effective dose : 1,39 mg/l
Exposure time : 40 d

Acute (short-term) daphnia toxicity

Parameter : EC50 (1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2)
Species : Daphnia magna (Big water flea)
Effective dose : 23300 mg/l
Exposure time : 48 h
Parameter : EC50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Species : Daphnia magna (Big water flea)
Effective dose : 44 mg/l
Exposure time : 48 h
Parameter : EC50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Species : Daphnia magna (Big water flea)
Effective dose : > 500 mg/l
Exposure time : 48 h
Method : Richtlinie 67/548/EWG, Anhang V, C.2.
Parameter : EC50 (ETHYL ACETATE ; CAS No. : 141-78-6)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 717 mg/l
Exposure time : 48 h
Method : DIN 38412 / part 11
Parameter : EC50 (XYLENE ; CAS No. : 1330-20-7)
Species : Daphnia magna (Big water flea)
Effective dose : 3,82 mg/l
Exposure time : 48 h
Parameter : EL50 (HYDROCARBONS, C9, AROMATES)
Species : Daphnia magna (Big water flea)
Effective dose : 3,2 mg/l
Exposure time : 48 h
Parameter : LC50 (ACETONE ; CAS No. : 67-64-1)
Species : Daphnia pulex (water flea)
Evaluation parameter : Süßwasser
Effective dose : 8800 mg/l
Exposure time : 48 h
Method : statischer Test
Parameter : LC50 (ACETONE ; CAS No. : 67-64-1)
Species : Artemia salina
Evaluation parameter : Meerwasser
Effective dose : 2100 mg/l
Exposure time : 24 h
Method : statischer Test
Parameter : NOELR (HYDROCARBONS, C9-C10, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES)
Species : Daphnia magna (Big water flea)
Effective dose : 22 - 46 mg/l
Exposure time : 48 h
Parameter : EC50 (ETHANOL ; CAS No. : 64-17-5)
Species : Daphnia magna (Big water flea)
Effective dose : > 100 mg/l
Exposure time : 24 h
Method : OECD 202
Parameter : EC50 (PROPAN-2-OL ; CAS No. : 67-63-0)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

Print date : 08.03.2018

Species : Daphnia magna (Big water flea)
Effective dose : 13299 mg/l
Exposure time : 48 h
Parameter : EC50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Species : Daphnia pulex (water flea)
Effective dose : 1100 mg/l
Exposure time : 48 h
Parameter : EC50 (BUTANONE ; CAS No. : 78-93-3)
Species : Daphnia magna (Big water flea)
Effective dose : 308 mg/l
Exposure time : 48 h
Method : OECD 202
Parameter : EC50 (METHANOL ; CAS No. : 67-56-1)
Species : Daphnia magna (Big water flea)
Effective dose : > 10000 mg/l
Exposure time : 48 h
Parameter : EC50 (TOLUENE ; CAS No. : 108-88-3)
Species : Daphnia magna (Big water flea)
Effective dose : 10 - 100 mg/l
Exposure time : 96 h
Parameter : LC50 (TOLUENE ; CAS No. : 108-88-3)
Species : ceriodaphnia dubia
Effective dose : 3,78 mg/l
Exposure time : 48 h

Chronic (long-term) daphnia toxicity

Parameter : NOEC (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Species : Daphnia magna (Big water flea)
Effective dose : => 100 mg/l
Exposure time : 21 d
Method : OECD 202, Teil 2
Parameter : NOEC (ACETONE ; CAS No. : 67-64-1)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Süßwasser
Effective dose : 2212 mg/l
Exposure time : 28 d
Parameter : NOEC (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)
Species : Daphnia magna (Big water flea)
Effective dose : 20 mg/l
Exposure time : 21 d
Parameter : NOEC (TOLUENE ; CAS No. : 108-88-3)
Species : ceriodaphnia dubia
Effective dose : 0,74 mg/l
Exposure time : 7 d

Acute (short-term) algae toxicity

Parameter : EC50 (1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2)
Species : Pseudokirchneriella subcapitata
Effective dose : 1000 mg/l
Exposure time : 7 d
Parameter : EC50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)
Species : Desmodesmus subspicatus
Effective dose : 647,7 mg/l
Exposure time : 72 h
Parameter : EC50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)
Species : Selenastrum capricornutum
Effective dose : > 1000 mg/l
Exposure time : 72 h
Method : OECD 201
Parameter : EC50 (XYLENE ; CAS No. : 1330-20-7)
Species : Pseudokirchneriella subcapitata
Effective dose : 4,7 mg/l

Safety Data Sheet

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Version (Revision) : 26.0.0 (25.0.0)

Print date : 08.03.2018

Exposure time : 72 h

Parameter : EC50 (ETHYL ACETATE ; CAS No. : 141-78-6)

Species : Desmodesmus subspicatus

Evaluation parameter : Acute (short-term) algae toxicity

Effective dose : 3300 mg/l

Exposure time : 48 h

Parameter : EL50 (HYDROCARBONS, C9, AROMATES)

Species : Pseudokirchneriella subcapitata

Effective dose : 2,629 mg/l

Exposure time : 72 h

Parameter : NOEC (ACETONE ; CAS No. : 67-64-1)

Species : Microcystis aeruginosa

Evaluation parameter : Süßwasser

Effective dose : 530 mg/l

Exposure time : 8 d

Method : statischer Test

Parameter : NOEC (ACETONE ; CAS No. : 67-64-1)

Species : Prorocentrum minimum

Evaluation parameter : Meerwasser

Effective dose : 430 mg/l

Exposure time : 96 h

Parameter : NOELR (HYDROCARBONS, C9-C10, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES)

Species : Pseudokirchneriella subcapitata

Effective dose : > 1000 mg/l

Exposure time : 72 h

Parameter : EC50 (PROPAN-2-OL ; CAS No. : 67-63-0)

Species : Scenedesmus subspicatus

Effective dose : > 1000 mg/l

Exposure time : 72 h

Parameter : EC50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)

Species : Pseudokirchneriella subcapitata

Evaluation parameter : Inhibition of biomass development

Effective dose : 632 mg/l

Exposure time : 72 h

Method : OECD 201

Parameter : EC50 (BUTANONE ; CAS No. : 78-93-3)

Species : Pseudokirchneriella subcapitata

Effective dose : 1972 mg/l

Exposure time : 72 h

Method : OECD 201

Parameter : EC50 (ETHANOL ; CAS No. : 64-17-5)

Species : Chlorella pyrenoidosa

Effective dose : > 100 mg/l

Method : OECD 201

Parameter : EC50 (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)

Species : Pseudokirchneriella subcapitata

Evaluation parameter : Inhibition of growth rate

Effective dose : 1799 mg/l

Exposure time : 72 h

Method : OECD 201

Parameter : NOEC (2-METHYLPROPAN-1-OL ; CAS No. : 78-83-1)

Species : Pseudokirchneriella subcapitata

Effective dose : 53 mg/l

Exposure time : 72 h

Method : OECD 201

Parameter : EC50 (TOLUENE ; CAS No. : 108-88-3)

Species : Chlorella vulgaris

Effective dose : 134 mg/l

Exposure time : 3 h

Safety Data Sheet

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Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

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Chronic (long-term) algae toxicity

Parameter : NOEC (N-BUTYL ACETATE ; CAS No. : 123-86-4)

Species : *Desmodesmus subspicatus*

Effective dose : 200 mg/l

Exposure time : 72 h

Parameter : NOEC (ETHYL ACETATE ; CAS No. : 141-78-6)

Species : *Desmodesmus subspicatus*

Evaluation parameter : Chronic (long-term) algae toxicity

Effective dose : > 100 mg/l

Exposure time : 72 h

Bacteria toxicity

Parameter : EC10 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)

Species : Belebtschlamm

Effective dose : > 1000 mg/l

Exposure time : 0,5 h

Method : OECD 209

Parameter : EC50 (XYLENE ; CAS No. : 1330-20-7)

Species : Belebtschlamm

Effective dose : > 175 mg/l

Parameter : EC3 (ETHYL ACETATE ; CAS No. : 141-78-6)

Species : *Pseudomonas putida*

Effective dose : 650 mg/l

Exposure time : 16 h

Parameter : EC12 (ACETONE ; CAS No. : 67-64-1)

Species : Belebtschlamm

Effective dose : 1000 mg/l

Exposure time : 30 min

Parameter : EC0 (BUTANONE ; CAS No. : 78-93-3)

Species : *Pseudomonas putida*

Effective dose : 1150 mg/l

Exposure time : 16 h

Method : DIN 38412 / part 8

Parameter : EC10 (PROPAN-2-OL ; CAS No. : 67-63-0)

Species : *Pseudomonas putida*

Effective dose : 5175 mg/l

Exposure time : 18 h

Parameter : EC50 (TOLUENE ; CAS No. : 108-88-3)

Species : *Nitrosomonas sp*

Effective dose : 84 mg/l

Exposure time : 24 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Parameter : Bioconcentration factor (BCF) (XYLENE ; CAS No. : 1330-20-7)

Concentration : 25,9

Parameter : Bioconcentration factor (BCF) (TOLUENE ; CAS No. : 108-88-3)

Concentration : 90

Evaluation : niedriges Bioakkumulationspotential

Parameter : Partition coefficient n-octanol /water (log P O/W) (ACETONE ; CAS No. : 67-64-1)

Concentration : < 1

Evaluation : niedriges Bioakkumulationspotential

Parameter : Partition coefficient n-octanol /water (log P O/W) (BUTANONE ; CAS No. : 78-93-3)

Concentration : <= 4

Evaluation : niedriges Bioakkumulationspotential

Parameter : Partition coefficient n-octanol /water (log P O/W) (ETHANOL ; CAS No. : 64-17-5)

Concentration : <= 4

Evaluation : niedriges Bioakkumulationspotential

Parameter : Partition coefficient n-octanol /water (log P O/W) (TOLUENE ; CAS No. : 108-88-3)

Concentration : 2,65

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

Print date : 08.03.2018

Parameter : Log KOC (TOLUENE ; CAS No. : 108-88-3)
Concentration : 2,73

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

Dispose according to legislation.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (91/689/EEC) : 07 01 04*

13.2 Additional information

None

SECTION 14: Transport information

14.1 UN number

UN 1263

14.2 UN proper shipping name

Land transport (ADR/RID)

PAINT RELATED MATERIAL

Sea transport (IMDG)

PAINT RELATED MATERIAL

Air transport (ICAO-TI / IATA-DGR)

PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 33
Tunnel restriction code : D/E
Special provisions : 640D · LQ 5 I · E 2
Hazard label(s) : 3

Sea transport (IMDG)

Class(es) : 3
EmS-No. : F-E / S-E
Special provisions : LQ 5 I · E 2
Hazard label(s) : 3

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3
Special provisions : E 2
Hazard label(s) : 3

14.4 Packing group

II

14.5 Environmental hazards

Land transport (ADR/RID) :

No

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

Print date : 08.03.2018

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not classified for this transport way.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

TOLUENE ; CAS No. : 108-88-3 ; Annex XVII No. 48

National regulations

Störfallverordnung

For substances contained in the product

METHANOL ; CAS No. : 67-56-1 ; Category : 26

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

Class : 2 (Significant hazardous to water) Classification according to AwSV

15.2 Chemical safety assessment

No information available.

15.3 Additional information

None

SECTION 16: Other information

16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROLUB Nitroverdünnung

Revision date : 05.03.2018

Version (Revision) : 26.0.0 (25.0.0)

Print date : 08.03.2018

H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
