

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 17/02/2012 Revision date: 26/09/2022 Supersedes version of: 15/04/2022 Version: 9.3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Product name Product code Product group : Mixture : AREOL E-XTRA 8 HP : AR113, AR154, AR155 : Blend

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category Industrial/Professional use spec Industrial use, Professional use, Consumer use
 Non-dispersive use Used in closed systems
 Lubricants and additives

Function or use category 1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ATH&S GmbH Bronninghauser str. 26 33729, Bielefeld, Germany Tel. +49 (0)521/5535919 Tel. +49 (0)521/5535938 Tel. +49 (0)521/5535923 e-mail: info@ath-s.de

1.4. Emergency telephone number

Emergency number : Belgian Anti-Poison Centre, Bruynstraat 1, 1120 Brussels +32 (0) 70 245 245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Signal word (CLP) : Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects. Precautionary statements (CLP) : P273 - Avoid release to the environment. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. P102 - Keep out of reach of children. EUH-statements : EUH208 - Contains N,N-dicocoalkyl 3-amino-propane-1,2-diol, 2-tetradecyloxirane, reaction products with boric acid. May produce an allergic reaction.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments

: The mineral oils in the product contain < 3% DMSO extract (IP 346)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Thiophene, tetrahydro-, 1, 1-dioxide, 3-(C9-11- isoalkyloxy) derivs., C10-rich	CAS-No.: 398141-87-2 EC-No.: 800-172-4 REACH-no: 01-2119969520- 35	1 – 1.49	Aquatic Chronic 2, H411
Acetamide, 2-hydroxy-, N, N-dicocoalkyl derivs	EC-No.: 471-920-1 REACH-no: 01-0000019770- 68	0.1 – 0.99	Skin Sens. 1B, H317
N,N-dicocoalkyl 3-amino-propane-1,2-diol	EC-No.: 482-000-4 REACH-no: 01-0000020142- 86	0.1 – 0.99	Skin Sens. 1, H317 Aquatic Chronic 3, H412
1-(tert-dodecylthio)propan-2-ol	CAS-No.: 67124-09-8 EC-No.: 266-582-5 REACH-no: 01-2119953277- 30	0.1 – 0.75	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzene, polypropene derivatives, sulfonated, calcium salts	EC-No.: POLYMER REACH-no: 01-2120040541- 70	0.1 – 0.24	Skin Sens. 1B, H317
2-tetradecyloxirane, reaction products with boric acid	EC-No.: 701-392-2 REACH-no: 01-2119976364- 28	0.1 – 0.24	Skin Sens. 1B, H317
Methyl-1H-benzotriazole	CAS-No.: 29385-43-1 EC-No.: 249-596-6 REACH-no: 01-2119979081- 35	0.1 – 0.24	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Repr. 2, H361 Aquatic Chronic 2, H411
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	CAS-No.: 1218787-32-6 EC-No.: 620-540-6 REACH-no: 01-2119510877- 33	0.01 – 0.035	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	CAS-No.: 95-38-5 EC-No.: 202-414-9 REACH-no: 01-2119777867- 13	0.01 – 0.024	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1C, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Acetamide, 2-hydroxy-, N, N-dicocoalkyl derivs	EC-No.: 471-920-1 REACH-no: 01-0000019770- 68	(9.4 ≤C < 100) Skin Sens. 1B, H317
1-(tert-dodecylthio)propan-2-ol	CAS-No.: 67124-09-8 EC-No.: 266-582-5 REACH-no: 01-2119953277- 30	(14.2 ≤C < 100) Skin Sens. 1B, H317
Benzene, polypropene derivatives, sulfonated, calcium salts	EC-No.: POLYMER REACH-no: 01-2120040541- 70	(10 ≤C < 100) Skin Sens. 1B, H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures			
4.1. Description of first aid measures			
	 Not expected to require first aid measures. Wash skin with mild soap and water. In case of eye contact, immediately rinse with clean water for 10-15 minutes. Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention. 		
4.2. Most important symptoms and effects, both acute and delayed			
Symptoms/effects after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.		
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.		
Symptoms/effects after eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.		
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.		

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measu	res
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Water fog. Foam. Powder. Dry chemical product.Do not use a heavy water stream.
5.2. Special hazards arising from the substance or mixture	

No additional information available

5.3. Advice for firefighters	
Precautionary measures fire	: Exercise caution when fighting any chemical fire.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Protective equipment	: Wear suitable protective clothing and gloves.	
6.1.2. For emergency responders		
Protective equipment	: Wear suitable protective clothing and gloves.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.		

6.3. Methods and material for containment and cleaning up		
For containment Methods for cleaning up Other information	 Impound and recover large spill by mixing it with inert granular solids. Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr. Spill area may be slippery. Use suitable disposal containers. 	

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and stor	age	
7.1. Precautions for safe handling		
Precautions for safe handling	: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.	
Handling temperature	: <40 °C	
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage temperature	: ≤40 °C	
Storage area	: Store in dry, cool, well-ventilated area.	

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Additional information

 5 mg/m3 for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Hand protection:

Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /

8.2.2.3. Respiratory protection

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow-brown.
Appearance	: Oily liquid.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 150 °C @ ASTM D92
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 31 mm²/s @ 40°C
Solubility	: Slightly soluble, the product remains on the water surface.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 851 kg/m³ @15°C
Relative density	: Not available

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Relative vapour density at 20 °C
Particle characteristics

Not availableNot applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Strong oxidizers. acids. Bases.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

AREOL E-XTRA 8 HP	
Aspiration hazard	: Not classified
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
2-(2-heptadec-8-enyl-2-imidazolin-1-	yl)ethanol (95-38-5)
STOT-repeated exposure	: Not classified
STOT-single exposure	: Not classified
Reproductive toxicity	: Not classified
Carcinogenicity	: Not classified
Germ cell mutagenicity	: Not classified
Respiratory or skin sensitisation	: Not classified
Serious eye damage/irritation	: Not classified
Skin corrosion/irritation	: Not classified
Acute toxicity (inhalation)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (oral)	: Not classified

Viscosity, kinematic 31 mm²/s @ 40°C

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term	: Not classified	
(acute) Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.	
	-11-isoalkyloxy) derivs., C10-rich (398141-87-2)	
LC50 - Fish [1]	2.4 mg/l Oncorhynchus mykiss	
LC50 - Fish [2]	3.3 mg/l Cyprinodon variegatus	
EC50 - Crustacea [1]	4.6 mg/l Daphnia magna	
EC50 72h - Algae [1]	63 mg/l Selenastrum capricornutum	
NOEC (chronic)	1 mg/l @4 DY (Oncorhynchus mykiss)	
NOEC chronic crustacea	0.63 mg/I 2 DY (Daphnia magna)	
NOEC chronic algae	0.313 mg/I 3 DY (Selenastrum capricornutum)	
Acetamide, 2-hydroxy-, N, N-dicocoalkyl d	erivs	
EC50 - Crustacea [1]	180 mg/l Daphnia magna	
NOEC chronic crustacea	100 mg/l @21DY (Daphnia magna)	
2,2'-(C16-18 (evennumbered, C18 unsatura	ated) alkyl imino) diethanol (1218787-32-6)	
LC50 - Fish [1]	0.1 mg/l Brachydanio rerio	
EC50 - Crustacea [1]	0.043 mg/l Daphnia magna	
EC50 72h - Algae [1]	0.0053 mg/l Pseudokirchneriella subcapitata	
NOEC chronic algae	0.0156 mg/l @3DY (Pseudo kirchneriella subcapitata)	
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)etha	anol (95-38-5)	
LC50 - Fish [1]	0.3 mg/l Brachydanio rerio	
EC50 - Crustacea [1]	0.163 mg/l Daphnia magna	
EC50 - Crustacea [2]	0.34 mg/l	
EC50 72h - Algae [1]	0.03 mg/l	
NOEC chronic algae	0.011 mg/l	
1-(tert-dodecylthio)propan-2-ol (67124-09-8)		
LC50 - Fish [1]	> 0.75 mg/l Oncorhynchus mykiss	
EC50 - Crustacea [1]	0.58 mg/l Daphnia magna	
EC50 72h - Algae [1]	> 100 mg/l Selenastrum capricomutum	
NOEC chronic fish	0.56 mg/l	
NOEC chronic crustacea	0.32 mg/l @2DY (Daphnia magna)	
NOEC chronic algae	100 mg/I @4DY (Selenastrum capricomutum)	
2-tetradecyloxirane, reaction products wit	h boric acid	
LC50 - Fish [1]	> 100 mg/l Oncorhynchus mykiss	
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna	
EC50 72h - Algae [1]	> 100 mg/l Selenastrum capricomutum	

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2-tetradecyloxirane, reaction products with boric acid		
NOEC chronic crustacea 10 mg/l Daphnia magna		
Methyl-1H-benzotriazole (29385-43-1)		
LC50 - Fish [1]	25.5 mg/l (Pimephales promelas)	
LC50 - Fish [2]	65 mg/l (Brachydanio rerio)	
EC50 - Crustacea [1]	87.4 mg/l (Daphnia magna)	
EC50 - Crustacea [2]	8.58 mg/l (Daphnia magna)	
EC50 72h - Algae [1]	62 mg/l (Selenastrum capricomutum)	
NOEC chronic crustacea	18.4 mg/l @21DY (Daphnia magna)	

12.2. Persistence and degradability

AREOL E-XTRA 8 HP			
Persistence and degradability	Not soluble in water, so only minimally biodegradable.		
Thiophene, tetrahydro-, 1, 1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)			
Persistence and degradability	Not readily biodegradable.		
BOD (% of ThOD)	9.6 % ThOD 28DY OECD TG 301 F		
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)			
BOD (% of ThOD)	63 % ThOD		
1-(tert-dodecylthio)propan-2-ol (67124-09-8)			
BOD (% of ThOD) 5.9 % ThOD @28DY OECD TG 301 F			
2-tetradecyloxirane, reaction products with boric acid			
Persistence and degradability	Not readily biodegradable.		
Biodegradation	26.7 %		
Biodegradation	% (days)		

12.3. Bioaccumulative potential

Thiophene, tetrahydro-, 1, 1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)		
Bioconcentration factor (BCF REACH)	27.54	
Partition coefficient n-octanol/water (Log Kow)	4.1	
Bioaccumulative potential	Potential to bioaccumulate.	
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)		
BCF - Fish [1]	110.2 mg/kg	
Partition coefficient n-octanol/water (Log Kow)	3.6	
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)		
Partition coefficient n-octanol/water (Log Kow) > 7		
1-(tert-dodecylthio)propan-2-ol (67124-09-8)		
Partition coefficient n-octanol/water (Log Kow) 5.7		

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2-tetradecyloxirane, reaction products with boric acid		
Partition coefficient n-octanol/water (Log Kow) 9.4		
Methyl-1H-benzotriazole (29385-43-1)		
Partition coefficient n-octanol/water (Log Kow) 1.71		

12.4. Mobility in soil

Thiophene, tetrahydro-, 1, 1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

Ecology - soil

Adsorbs into the soil.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Additional information

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: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number		
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable 	
14.2. UN proper shipping name		
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable 	
14.3. Transport hazard class(es)		
ADR Transport hazard class(es) (ADR)	: Not applicable	
IMDG Transport hazard class(es) (IMDG)	: Not applicable	
IATA Transport hazard class(es) (IATA)	: Not applicable	

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ADN Transport hazard class(es) (ADN)	: Not applicable
RID Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	: No : No : No supplementary information available

14.6. Special precautions for user

Overland transport No data available

Transport by sea No data available

Air transport

No data available

Inland waterway transport No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2. National regulations

Germany

Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	 WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1). Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: 1-(tert-dodecylthio)propan-2-ol is listed
SZW-lijst van mutagene stoffen	: 1-(tert-dodecylthio)propan-2-ol is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact with the product
Switzerland	
Storage class (LK)	: LK 10/12 - Liquids
45.2 Chemical actaty accoment	

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
3	Composition/information on ingredients	Modified	

Abbreviations and acronyms:		
	ACGIH: American Conference of Governmental Industrial Hygienists	
	TWA: Time Weighted Average	
	TLV: Threshold Limit Value	
	ASTM: American Society for Testing and Materials	
	ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route	
	RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail	
	ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin	
	IMDG: International Maritime Dangerous Goods	

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Abbreviations and acronyms:	
	ICAO: International Civil Aviation Organization
	IATA: International Air Transport Association
	STEL: Short Term Exposure Limit
	LD50: median Lethal Dose for 50% of subjects
	ATE: acute toxicity estimate
	LC50: median Lethal Concentration for 50% of subjects
	EC50: concentration producing 50% effect

Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Full text of H- and E	UH-statements:
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
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains N,N-dicocoalkyl 3-amino-propane-1,2-diol, 2-tetradecyloxirane, reaction products with boric acid. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

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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.