

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Date first issue: 30/04/2018 Review date: 17/07/2025 Supersedes version of: 02/08/2023 Version: 7.0

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

1.1. Product identifier

Product form : Mixture

Product name : MIDA FOAM 166 RS
UFI : K130-F5GW-100A-GSTP

Product code : CZ00056

Type of product : Cleaning agent, Detergent

Product group : Mixture

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

Relevant identified uses

Main use category : Industrial use, Professional use

1.3. Details of the supplier of the safety data sheet

Manufacturer

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Distributor

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1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Corrosive to metals, Category 1 H290
Skin corrosion/irritation, Category 1, Sub-Category 1A H314
Serious eye damage/eye irritation, Category 1 H318
Hazardous to the aquatic environment – Chronic Hazard,
Category 3

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

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

GHS05

Signal word (CLP) : Danger

Contains : sodium hydroxide; Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides,

Hazard statements (CLP) : H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage. H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTER/doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER/doctor. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

POISON CENTER or doctor/physician.

P390 - Absorb spillage to prevent material damage.

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

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

Component	
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides, (308062-28-4)

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 substance(s) are 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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
sodium hydroxide substance with national workplace exposure limit(s) (RO)	CAS-no: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	10 – 30	Met. Corr. 1, H290 Skin Corr. 1A, H314	
Amines, C12-14 (even numbered)- alkyldimethyl, Novides,	CAS-no: 308062-28-4 EC-No.: 931-292-6 REACH-no: 01-2119490061- 47	5 – 10	Acute Tox. 4 (Oral), H302 (ATE=500.00000 mg/kg) Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	
COCO-GLUCOSIDE	CAS-no: 110615-47-9 EC-No.: 600-975-8 REACH-no: 01-2119489418- 23	< 3	Skin Irrit. 2, H315 Eye Dam. 1, H318	
Sodium toluene sulphonate	CAS-no: 12068-03-0 EC-No.: 235-088-1	1 – 3	Eye Dam. 1, H318	
1-hydroxyethylidene-1,1-diphosphonic acid	CAS-no: 2809-21-4 EC-No.: 220-552-8 REACH-no: 01-2119510391- 53	1-3	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 (ATE=1878 mg/kg bodyweight) Eye Dam. 1, H318	

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS-no: 68515-73-1 EC-No.: 500-220-1 REACH-no: 01-2119488530- 36	< 3	Eye Dam. 1, H318

Specific concentration limits:				
Name	Product identifier	Specific concentration limits (%)		
sodium hydroxide	CAS-no: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	$(0.5 \le C < 2)$ Eye Irrit. 2; H319 $(0.5 \le C < 2)$ Skin Irrit. 2; H315 $(2 \le C < 5)$ Skin Corr. 1B; H314 $(5 \le C \le 100)$ Skin Corr. 1A; H314		

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : In case of doubt or persistent symptoms, consult always a physician. For symptom

description, see item 11.

Inhalation : Fresh air, rest.

Skin contact : Take off immediately all contaminated clothing. Rinse immediately and plentifully with

water and seek medical advice.

Eye contact : Wash with plenty of water (during 20 minutes minimum) with eyes wide open, keeping

contact lenses and immediately take medical advice.

Ingestion : Rinse mouth, do not vomit, keep quiet, and go immediately to hospital or to a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Acute effects inhalation : Irritating to the respiratory system, may cause throat pain and cough.

Acute effects skin : Causes severe burns.

Acute effects eyes : Serious damage to eyes.

Acute effects oral route : Burns of the upper digestive and respiratory tracts.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Environmental precautions

Stop leak without risks if possible.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed

container for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Never mix with other materials. Never return unused material to original container.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container. Keep container tightly closed in a cool place.

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Storage temperature : \leq 30 °C Material(s) to avoid : None known.

7.3. Specific end use(s)No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protection equipment

Eye and face protection

Eye protection:

Safety glasses with side-shields (EN 166)

Skin protection

Protective equipment:

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment

Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

Respiratory protection

Respiratory protection:

Not necessary with sufficient ventilation

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Yellow.
Odour : Characteristic.

Odour threshold : Not determined as it is not relevant for the characterization of the product Melting point/range : Not determined as it is not relevant for the characterization of the product : Not determined as it is not relevant for the characterization of the product Freezing point Boiling point/Boiling range : Not determined as it is not relevant for the characterization of the product Flammability : Not determined as it is not relevant for the characterization of the product Explosive properties : Not determined as it is not relevant for the characterization of the product. Lower explosion limit : Not determined as it is not relevant for the characterization of the product Upper explosion limit : Not determined as it is not relevant for the characterization of the product Flash point : Not determined as it is not relevant for the characterization of the product Autoignition temperature : Not determined as it is not relevant for the characterization of the product

Decomposition temperature : Not determined as it is not relevant for the characterization of the product

pH : 14,0 ± 1 (100%)

Viscosity, kinematic : Not available

Viscosity, dynamic : 9,30 ± 5 mPas (20°C)

Solubility : Not determined as it is not relevant for the characterization of the product.

Partition coefficient n-octanol/water (Log Kow) : Not determined as it is not relevant for the characterization of the product

Vapour pressure : Not determined as it is not relevant for the characterization of the product

Vapour pressure at 50°C : Not determined as it is not relevant for the characterization of the product

Density : $1,15 \pm 0,1 \text{ g/ml}$ Relative density : $1,15 \text{ at } (20^{\circ}\text{C})$

Relative vapour density at 20°C : Not determined as it is not relevant for the characterization of the product

Particle characteristics : Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

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10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

All heat sources, including direct sunlight.

10.5. Incompatible materials

Never mix with other materials.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation)	: Not classified
1-hydroxyethylidene-1,1-diphosph	onic acid (2809-21-4)
LD50 oral rat	1878 mg/kg
COCO-GLUCOSIDE (110615-47-9)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg bodyweight
D-Glucopyranose, oligomers, decy	l octyl glycosides (68515-73-1)
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg bodyweight
Amines, C12-14 (even numbered)-	alkyldimethyl, N-oxides, (308062-28-4)
LD50 oral rat	1064 mg/kg
Skin corrosion/irritation	: Causes severe skin burns. pH: 14,0 ± 1 (100%)
Serious eye damage/irritation	: Causes serious eye damage. pH: 14,0 ± 1 (100%)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
COCO-GLUCOSIDE (110615-47-9)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral

COCO-GEOCOSIDE (170675-47-9)				
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)			
D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)				
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)			
Aspiration hazard :	Not classified			

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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Harmful to aquatic life with long lasting effects.

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sodium hydroxide (1310-73-2)			
LC50 - Fish [1]	> 35 mg/l		
EC50 - Crustacea [1]	40.4 mg/l (Ceriodaphnia)		
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea		
COCO-GLUCOSIDE (110615-47-9)			
LC50 - Fish [1]	2.95 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
LC50 - Fish [2]	5.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	7 mg/l Test organisms (species): Daphnia magna		
EC50 - Crustacea [2]	14 mg/l Test organisms (species): Daphnia magna		
EC50 - Other aquatic organisms [1]	7 mg/l waterflea		
EC50 - Other aquatic organisms [2]	5 mg/l		
EC50 72h - Algae [1]	12.5 mg/l Source: ECHA		
D-Glucopyranose, oligomers, decyl octyl glyc	osides (68515-73-1)		
LC50 - Fish [1]	100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
LC50 - Fish [2]	170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna		
EC50 - Other aquatic organisms [1]	> 100 mg/l waterflea		
EC50 - Other aquatic organisms [2]	27.2 mg/l		
EC50 72h - Algae [1]	27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)		
EC50 72h - Algae [2]	37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)		
Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides, (308062-28-4)			
LC50 - Fish [1]	2.67 mg/l		
EC50 - Crustacea [1]	3.1 mg/l		
ErC50 algae	0.143 mg/l		
NOEC chronic algae	0.067 mg/l		

12.2. Persistence and degradability				
MIDA FOAM 166 RS				
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.			
sodium hydroxide (1310-73-2)				
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.			
1-hydroxyethylidene-1,1-diphosphonic acid (2809-21-4)				
Persistence and degradability Rapidly degradable				
Sodium toluene sulphonate (12068-03-0)				
Persistence and degradability	Rapidly degradable			

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COCO-GLUCOSIDE (11	10615-47-9)
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Persistence and degradability Not rapidly degradable

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

Persistence and degradability Not rapidly degradable

Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides, (308062-28-4)

Persistence and degradability Rapidly degradable

12.3. Bioaccumulative potential

		166	

Partition coefficient n-octanol/water (Log Kow)

Not determined as it is not relevant for the characterization of the product

sodium hydroxide (1310-73-2)

Log Pow -3.88

Bioaccumulative potential No bioaccumulation.

1-hydroxyethylidene-1,1-diphosphonic acid (2809-21-4)

Log Pow -3.5

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

Log Pow < 1.77

12.4. Mobility in soil

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

Mobility in soil 0.2624 Source: EPISUITE

12.5. Results of PBT and vPvB assessment

Component

Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides, (308062-28-4)

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

Waste / unused products : Collect all waste in suitable and labelled containers and dispose according to local

legislation.

European List of Waste (LoW, EC 2000/532) : 20 01 29* - detergents containing dangerous substances

15 01 10* - packaging containing residues of or contaminated by dangerous substances 15 02 02* - absorbents, filter materials (including oil filters not otherwise specified), wiping

cloths, protective clothing contaminated by dangerous substances

HP Code : HP8 - "Corrosive:" waste which on application can cause skin corrosion.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for

one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA		
14.1. UN number or ID number				
UN 1824	UN 1824	UN 1824		
14.2. UN proper shipping name				
SODIUM HYDROXIDE SOLUTION	SODIUM HYDROXIDE SOLUTION	Sodium hydroxide solution		
Transport document description				
UN 1824 SODIUM HYDROXIDE SOLUTION, 8, II, (E)	UN 1824 SODIUM HYDROXIDE SOLUTION, 8, II	UN 1824 Sodium hydroxide solution, 8, II		

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ADR	IMDG	IATA
14.3. Transport hazard class(es)		
8	8	8
8	8	8
14.4. Packing group		
II	II	II
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C5 Limited quantities (ADR) : 11

: P001, IBC02 Packing instructions (ADR) : MP15 Mixed packing provisions (ADR) Portable tank and bulk container instructions : T7

(ADR)

Portable tank and bulk container special provisions

(ADR)

: L4BN Tank code (ADR) : AT Vehicle for tank carriage Transport category (ADR) : 80 Hazard identification number (Kemler No.)

80

: TP2

Tunnel code : E EAC code : 2R

Transport by sea

Orange plates

Packing instructions (IMDG) : P001 IBC packing instructions (IMDG) : IBC02

Air transport

PCA Limited quantities (IATA) : Y840 PCA limited quantity max net quantity (IATA) : 0.5L PCA packing instructions (IATA) : 851 PCA max net quantity (IATA) : 1L CAO packing instructions (IATA) : 855 CAO max net quantity (IATA) : 30L Special provisions (IATA) : A3

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Detergent Regulation (EC 648/2004)

Labelling of contents	
Component	%
non-ionic surfactants	5-15%
phosphonates	<5%

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information

: It is recommended to pass the information from this safety data sheet in an appropriate form to the users. The information is currently to the best of our knowledge and believed to be accurate and reliable. This information relates to the specifically named product and may not be valid in combination with other products.

This safety data sheet is in compliance with 1907/2006/EEC. It is the responsibility of the user to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:			
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Met. Corr. 1	Corrosive to metals, Category 1		
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A		
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
H290	May be corrosive to metals.		
H302	Harmful if swallowed.		
H314	Causes severe skin burns and eye damage.		
H315	Causes skin irritation.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		

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Full text of H- and EUH-statements:		
H400	Very toxic to aquatic life.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Met. Corr. 1	H290	Calculation method
Skin Corr. 1A	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Aquatic Chronic 3	H412	Calculation method

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.