



Liquid hand-soap with QAC

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 7/5/2018 Revision date: 7/22/2025 Supersedes version of: 4/20/2023 Version: 2.2

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

1.1. Product identifier

Product form : Mixture
Trade name : Liquid hand-soap with QAC
UFI : 7Q00-T0T2-X00R-3N25
Type of product : Detergent

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

Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Hand sanitation

1.3. Details of the supplier of the safety data sheet

Manufacturer

INDUSTRIALNA HIMIA EOOD

Sofia Region

2137 Dolno Kamartsi

BULGARIA

T +359 888 644 166

cgs@himia.bg; info@himia.bg; www.himia.bg

E-mail address of competent person responsible for the SDS : cgs@himia.bg; info@himia.bg

1.4. Emergency telephone number

Emergency number : European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318
Skin sensitisation, Category 1 H317
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

May be corrosive to metals. Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Contains

: LAURETH-10; COCAMIDOPROPYL BETAINE; COCAMIDE DEA

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.

Precautionary statements (CLP)

: 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 doctor.

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P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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

Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	tetrasodium ethylene diamine tetraacetate (64-02-8), LAURETH-10 (68002-97-1), COCAMIDOPROPYL BETAINE (61789-40-0), COCAMIDE DEA, BENZALKONIUM CHLORIDE (68424-85-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	tetrasodium ethylene diamine tetraacetate (64-02-8), LAURETH-10 (68002-97-1), COCAMIDOPROPYL BETAINE (61789-40-0), COCAMIDE DEA, BENZALKONIUM CHLORIDE (68424-85-1)

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

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
COCAMIDOPROPYL BETAINE	CAS-No.: 61789-40-0 EC-No.: 263-058-8 REACH-no: 01-2120770501-61	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
LAURETH-10	CAS-No.: 68002-97-1 EC-No.: 500-182-6	3 – 7	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
COCAMIDE DEA	EC-No.: 931-329-6 REACH-no: 01-2119490100-53	1 – 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
BENZALKONIUM CHLORIDE	CAS-No.: 68424-85-1 EC-No.: 270-325-2 REACH-no: 01-2119970550-39	0.5 – 3	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Aquatic Chronic 1, H410
tetrasodium ethylene diamine tetraacetate	CAS-No.: 64-02-8 EC-No.: 200-573-9 EC Index-No.: 607-428-00-2 REACH-no: 01-2119486762-27	0.5 – 2	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes.
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For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Precautions for safe handling | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. |
| Hygiene measures | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

7.2. Conditions for safe storage, including any incompatibilities

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|------------------------|--|
| Storage conditions | : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store in a well-ventilated place. Keep cool. |
| Incompatible materials | : Metals. |

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

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- | | |
|---|-----------------------|
| Physical state | : Liquid |
| Colour | : Colourless. |
| Odour | : characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Not applicable |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : 5.5 – 6.5 |
| Viscosity, kinematic | : Not available |
| Solubility | : Not available |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : 1 g/cm ³ |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

Other safety characteristics

- | | |
|-------------|-------|
| VOC content | : 0 % |
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

metals.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

COCAMIDOPROPYL BETAINE (61789-40-0)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation.
pH: 5.5 – 6.5

tetrasodium ethylene diamine tetraacetate (64-02-8)

pH	11 – 11.8
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LAURETH-10 (68002-97-1)

pH	5 – 7
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BENZALKONIUM CHLORIDE (68424-85-1)

pH	6.5 – 8.5
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Serious eye damage/irritation : Causes serious eye damage.
pH: 5.5 – 6.5

tetrasodium ethylene diamine tetraacetate (64-02-8)

pH	11 – 11.8
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LAURETH-10 (68002-97-1)

pH	5 – 7
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BENZALKONIUM CHLORIDE (68424-85-1)

pH	6.5 – 8.5
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Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

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Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

tetrasodium ethylene diamine tetraacetate (64-02-8)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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COCAMIDOPROPYL BETAINE (61789-40-0)

NOAEL (oral, rat, 90 days)	300 mg/kg bodyweight/day
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COCAMIDE DEA

NOAEL (subacute, oral, animal/male, 28 days)	750 mg/kg bodyweight
NOAEL (subacute, oral, animal/female, 28 days)	750 mg/kg bodyweight
NOAEL (dermal, rat/rabbit, 90 days)	50 mg/kg bodyweight/day Female rat
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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tetrasodium ethylene diamine tetraacetate (64-02-8)

Viscosity, kinematic	20 mm ² /s at 20 C
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

tetrasodium ethylene diamine tetraacetate (64-02-8)

LC50 - Fish [1]	> 100 mg/l
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COCAMIDOPROPYL BETAINE (61789-40-0)

LC50 - Fish [1]	2 mg/l Danio rerio. 96 h
EC50 - Crustacea [1]	6.4 mg/l Daphnia magna. 48 h

COCAMIDE DEA

LC50 - Fish [1]	2 mg/l
LC50 - Fish [2]	4.9 mg/l
LC50 - Other aquatic organisms [1]	2.4 mg/l Aquatic plants
LC50 - Other aquatic organisms [2]	1 mg/l Micro-organism
EC50 - Other aquatic organisms [1]	0.32 mg/l Aquatic plants
EC50 72h - Algae [1]	0.39 mg/l Desmodesmus subspicatus

BENZALKONIUM CHLORIDE (68424-85-1)

NOEC chronic algae	≥ 0.009 mg/l
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12.2. Persistence and degradability

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Persistence and degradability	Product is biodegradable.
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tetrasodium ethylene diamine tetraacetate (64-02-8)

Persistence and degradability	Biodegradability in water: no data available.
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LAURETH-10 (68002-97-1)

Persistence and degradability	Product is biodegradable.
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COCAMIDOPROPYL BETAINE (61789-40-0)

Persistence and degradability	Product is biodegradable.
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COCAMIDE DEA

Persistence and degradability	Product is biodegradable.
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BENZALKONIUM CHLORIDE (68424-85-1)

Persistence and degradability	Product is biodegradable.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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tetrasodium ethylene diamine tetraacetate (64-02-8)

Partition coefficient n-octanol/water (Log Pow)	< 3
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LAURETH-10 (68002-97-1)

Bioaccumulative potential	No bioaccumulation data available.
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COCAMIDOPROPYL BETAINE (61789-40-0)

Bioaccumulative potential	Not established.
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COCAMIDE DEA

Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	tetrasodium ethylene diamine tetraacetate (64-02-8), LAURETH-10 (68002-97-1), COCAMIDOPROPYL BETAINE (61789-40-0), COCAMIDE DEA, BENZALKONIUM CHLORIDE (68424-85-1)
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Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	tetrasodium ethylene diamine tetraacetate (64-02-8), LAURETH-10 (68002-97-1), COCAMIDOPROPYL BETAINE (61789-40-0), COCAMIDE DEA, BENZALKONIUM CHLORIDE (68424-85-1)
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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

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Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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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)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3.	tetrasodium ethylene diamine tetraacetate	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
3(b)	Liquid hand-soap with QAC ; tetrasodium ethylene diamine tetraacetate ; LAURETH-10 ; COCAMIDOPROPYL BETAINE ; COCAMIDE DEA ; BENZALKONIUM CHLORIDE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	Liquid hand-soap with QAC ; COCAMIDE DEA ; BENZALKONIUM CHLORIDE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

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

VOC Directive (2004/42)

VOC content : 0 %

Detergent Regulation (EC 648/2004)

Contains no ingredient(s) required to be listed according to the Detergent Regulation (648/2004).

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 chemical safety assessment has been carried out

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SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. Not classified	Flammable liquids Not classified
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
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.

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.