

HYPO DM

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 7/18/2019 Revision date: 5/8/2024 Supersedes version of: 7/18/2019 Version: 1.2

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

1.1. Product identifier

Product form : Mixture
Product name : HYPO DM
Type of product : Disinfectant
Product group : 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 use, Professional use
Use of the substance/mixture : Disinfectant in Food Industry based on active chlorine.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Industrialna himia EOOD
2137 Dolno Kamartsi, BULGARIA, Sofia Region
T +359 88 759 2190
info@himia.bg, <http://www.himia.bg/>
E-mail address of competent person responsible for the SDS : cgs@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 1 H314
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
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

Harmful if swallowed. Causes severe skin burns and eye damage. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS09

Signal word (CLP) : Danger
Contains : sodium hydroxide; caustic soda; Sodium hypochlorite solution, 3,8% active chlorine
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.
H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

HYPO DM

Safety Data Sheet

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

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391 - Collect spillage.

EUH-statements

: EUH031 - Contact with acids liberates toxic gas.

EUH208 - Contains tosylchloramide sodium(127-65-1). May produce an allergic reaction.

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/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	sodium hydroxide; caustic soda (1310-73-2), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9), PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1), tosylchloramide sodium (127-65-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	sodium hydroxide; caustic soda (1310-73-2), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9), PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1), tosylchloramide sodium (127-65-1)

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 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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	≤ 30	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314
Sodium hypochlorite solution, 3,8% active chlorine	CAS-No.: 7681-52-9 EC-No.: 231-668-3 EC Index-No.: 017-011-00-1 REACH-no: 01-2119488154-34	≤ 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411
tosylchloramide sodium	CAS-No.: 127-65-1 EC-No.: 204-854-7 EC Index-No.: 616-010-00-9	< 0.3	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Resp. Sens. 1, H334

HYPO DM

Safety Data Sheet

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

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	(0.5 ≤ C < 2) Skin Irrit. 2, H315 (0.5 ≤ C < 2) Eye Irrit. 2, H319 (2 ≤ C < 5) Skin Corr. 1B, H314 (5 ≤ C < 100) Skin Corr. 1A, H314
Sodium hypochlorite solution, 3,8% active chlorine	CAS-No.: 7681-52-9 EC-No.: 231-668-3 EC Index-No.: 017-011-00-1 REACH-no: 01-2119488154-34	(5 ≤ C < 100) EUH031

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
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	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

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

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.
------------------------------	--

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
--	--------------------------------

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.
--------------------------------	--

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
----------------------	---

HYPO DM

Safety Data Sheet

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

6.1.2. 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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. 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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

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

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Protective clothing.

HYPO DM

Safety Data Sheet

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

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. 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	: yellowish.
Appearance	: Liquid.
Odour	: Chlorine.
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	: ≈ 13
pH solution	: 1 %
Viscosity, kinematic	: Not available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.17 – 1.2 g/cm ³
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

HYPO DM

Safety Data Sheet

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

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

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

Contact with acids liberates toxic gas.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Acids.

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
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)

sodium hydroxide; caustic soda (1310-73-2)	
LD50 oral	500 mg/kg (rabbit)
Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)	
LD50 oral rat	1100 mg/kg
LD50 oral	8200 mg/kg (rabbit)
LD50 dermal rabbit	20000 mg/kg
PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1)	
LD50 oral rat	> 6500 mg/kg bodyweight
LD50 dermal rat	> 4000 mg/kg bodyweight
tosylchloramide sodium (127-65-1)	
LD50 oral rat	200 – 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 0.275 mg/l/4h
Skin corrosion/irritation	: Causes severe skin burns. pH: ≈ 13

HYPO DM

Safety Data Sheet

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

Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

pH	13 – 14
----	---------

tosylchloramide sodium (127-65-1)

pH	≈ 10.8
----	--------

Serious eye damage/irritation : Assumed to cause serious eye damage
pH: ≈ 13

Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

pH	13 – 14
----	---------

tosylchloramide sodium (127-65-1)

pH	≈ 10.8
----	--------

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
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)

PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1)

NOAEL (animal/male, F0/P)	424 mg/kg bodyweight
---------------------------	----------------------

NOAEL (animal/female, F0/P)	633 mg/kg bodyweight
-----------------------------	----------------------

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)

Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight/day
----------------------------	-------------------------

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)

tosylchloramide sodium (127-65-1)

Viscosity, kinematic	Not applicable
----------------------	----------------

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

sodium hydroxide; caustic soda (1310-73-2)

LC50 - Fish [1]	> 35 mg/l
-----------------	-----------

Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

LC50 - Fish [1]	0.06 mg/l
-----------------	-----------

LC50 - Other aquatic organisms [1]	≈ 0.035 mg/l
------------------------------------	--------------

EC50 - Crustacea [1]	0.141 mg/l
----------------------	------------

NOEC chronic fish	≈ 0.08 mg/l
-------------------	-------------

HYPO DM

Safety Data Sheet

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

PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1)	
LC50 - Fish [1]	> 1042 mg/l Danio rerio
EC50 - Crustacea [1]	> 1071 mg/l
EC50 - Other aquatic organisms [1]	> 1000 mg/l (3h- Micro-organism)
EC50 72h - Algae [1]	140 mg/l Ssendesmus subspicatus
NOEC (chronic)	104 mg/l (21d- Daphnia magna)
NOEC chronic fish	> 1042 mg/l (14d - Danio rerio)
NOEC chronic algae	17.8 mg/l Scendesmus subspicatus

tosylchloramide sodium (127-65-1)	
LC50 - Fish [1]	≈ 25.3 mg/l
LC50 - Other aquatic organisms [1]	≈ 6.42 mg/l

12.2. Persistence and degradability

HYPO DM	
Persistence and degradability	Product is biodegradable.

sodium hydroxide; caustic soda (1310-73-2)	
Persistence and degradability	Rapidly degradable
Chemical oxygen demand (COD)	10 g O ₂ /g substance

Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)	
Persistence and degradability	Biodegradability in water: no data available.

PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1)	
Persistence and degradability	Product is biodegradable.

tosylchloramide sodium (127-65-1)	
Persistence and degradability	Product is biodegradable.

12.3. Bioaccumulative potential

HYPO DM	
Bioaccumulative potential	No bioaccumulation data available.

sodium hydroxide; caustic soda (1310-73-2)	
Bioaccumulative potential	Not established.

Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)	
Partition coefficient n-octanol/water (Log Pow)	0
Partition coefficient n-octanol/water (Log Kow)	-3.42
Bioaccumulative potential	No bioaccumulation data available.

PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1)	
Bioaccumulative potential	No bioaccumulation data available.

tosylchloramide sodium (127-65-1)	
BCF - Fish [1]	2.5
Partition coefficient n-octanol/water (Log Pow)	0.07

HYPO DM

Safety Data Sheet

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

12.4. Mobility in soil

tosylchloramide sodium (127-65-1)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.527
--	-------

12.5. Results of PBT and vPvB assessment

HYPO DM

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	sodium hydroxide; caustic soda (1310-73-2), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9), PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1), tosylchloramide sodium (127-65-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	sodium hydroxide; caustic soda (1310-73-2), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9), PHOSPHONOBUTANETRICARBOXYLIC ACID (37971-36-1), tosylchloramide sodium (127-65-1)

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 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				
UN 1903	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	Not regulated	Not regulated	Not regulated	Not regulated
Transport document description				
UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S., 8, I, (E), ENVIRONMENTALLY HAZARDOUS	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
8	Not regulated	Not regulated	Not regulated	Not regulated

HYPO DM

Safety Data Sheet

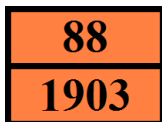
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA	ADN	RID
 	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
I	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Dangerous for the environment: Yes	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C9
Special provisions (ADR) : 274
Limited quantities (ADR) : 0
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P001
Mixed packing provisions (ADR) : MP8, MP17
Tank code (ADR) : L10BH
Vehicle for tank carriage : AT
Transport category (ADR) : 1
Special provisions for carriage - Operation (ADR) : S20
Hazard identification number (Kemler No.) : 88
Orange plates :



Tunnel restriction code (ADR) : E

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

HYPO DM

Safety Data Sheet

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

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)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	HYPO DM ; Sodium hypochlorite solution, 3,8% active chlorine	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)	HYPO DM ; Sodium hypochlorite solution, 3,8% active chlorine	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 (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (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 (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)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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
EUH031	Contact with acids liberates toxic gas.
EUH208	Contains tosylchloramide sodium(127-65-1). May produce an allergic reaction.

HYPO DM

Safety Data Sheet

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

Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Resp. Sens. 1	Respiratory sensitisation, 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
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

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.