



# Safety Data Sheet

## CYCLONE PREMIUM BLEACH

Revision: 2023-03-25

Version: 01.1

### SECTION 1: Identification of the substance/mixture and supplier

#### 1.1 Product identifier

**Product name:** CYCLONE PREMIUM BLEACH

#### 1.2 Recommended use and restrictions on use

**Identified uses:**

Bleach

**Restrictions of use:**

Uses other than those identified are not recommended

#### 1.3 Details of the supplier

DIVERSEY NEW ZEALAND LTD.

24 Bancroft Crescent, Glendene, Auckland, 0602, New Zealand

Telephone: 0800 803 615 (toll free)

Website: [www.diversey.com](http://www.diversey.com)

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

Call 0800 243 622 (24 hrs)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Skin irritation, Category 2

Serious eye damage, Category 1

Acute aquatic toxicity, Category 1

#### 2.2 Label elements



**Signal word:** Danger

#### Hazard statements:

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H400 - Very toxic to aquatic life.

#### Prevention statement(s):

P233 - Keep container tightly closed.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves, protective clothing and eye or face protection.

#### Response statement(s):

P332 + P313 - If skin irritation occurs: Get medical advice or attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P310 - Immediately call a POISON CENTRE, doctor or physician.

P321 - Specific treatment (see supplemental first aid instructions on this label).

P362 - Take off contaminated clothing.

#### Disposal statement(s):

P501 - Dispose of unused content as chemical waste.

## CYCLONE PREMIUM BLEACH

**2.3 Other hazards**

No other hazards known.

**2.4 Classification diluted product:**

Recommended maximum concentration (% w/w): 20

Skin irritation, Category 3

Acute aquatic toxicity, Category 2

**2.5 Label elements diluted product****Hazard statements:**

H316 - Causes mild skin irritation.

H401 - Toxic to aquatic life.

**SECTION 3: Composition/information on ingredients****3.1 Substances / Mixtures**

Ingredient(s)	CAS#	EC number	Weight percent
sodium hypochlorite (active chlorine)	7681-52-9	231-668-3	3-10

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention or advice if you feel unwell.
<b>Skin contact:</b>	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
<b>Eye contact:</b>	Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.
<b>Ingestion:</b>	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
<b>Self-protection of first aider:</b>	Consider personal protective equipment as indicated in subsection 8.2.
<b>First aid facilities:</b>	Eyewash facilities should be considered in a workplace where necessary.

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

<b>Inhalation:</b>	No known effects or symptoms in normal use.
<b>Skin contact:</b>	Causes irritation.
<b>Eye contact:</b>	Causes severe or permanent damage.
<b>Ingestion:</b>	No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**Poison Information Center:** Call 0800 764 766 (0800 POISON)

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

**5.2 Special hazards arising from the substance or mixture**

No special hazards known.

**5.3 Advice for firefighters**

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**5.4 Hazchem code**

•3Z

•3 - Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used  
Z - Full fire kit and breathing apparatus. Contain.

## CYCLONE PREMIUM BLEACH

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing, gloves and eye/face protection.

**6.2 Environmental precautions**

Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

**6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, universal binders).

**6.4 Reference to other sections**

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

No special precautions required.

**Measures required to protect the environment:**

For environmental exposure controls see subsection 8.2.

**Advices on general occupational hygiene:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep from freezing. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**7.3 Specific end use(s)**

No specific advice for end use available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Biological limit values, if available:

**8.2 Exposure controls**

*The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.*

*Recommended safety measures for handling the undiluted product:*

*Covering activities such as filling and transfer of product to application equipment, flasks or buckets*

**Appropriate engineering controls:**

If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

**Appropriate organisational controls:**

Avoid direct contact and/or splashes where possible. Train personnel.

**Personal protective equipment****Eye / face protection:**

Safety glasses or goggles (AS/NZS 1337.1).

**Hand protection:**

Chemical-resistant protective gloves (AS/NZS 2161.10). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact: Material: butyl rubber Penetration time:  $\geq 480$  min Material thickness:  $\geq 0.7$  mm

Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time:  $\geq 30$  min Material thickness:  $\geq 0.4$  mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

## CYCLONE PREMIUM BLEACH

<b>Body protection:</b>	Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).
<b>Respiratory protection:</b>	No special requirements under normal use conditions.
<b>Environmental exposure controls:</b>	Should not reach sewage water or drainage ditch undiluted or unneutralised.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 20

<b>Appropriate engineering controls:</b>	No special requirements under normal use conditions.
<b>Appropriate organisational controls:</b>	Avoid direct contact and/or splashes where possible. Train personnel.

**Personal protective equipment**

<b>Eye / face protection:</b>	No special requirements under normal use conditions.
<b>Hand protection:</b>	No special requirements under normal use conditions.
<b>Body protection:</b>	No special requirements under normal use conditions.
<b>Respiratory protection:</b>	No special requirements under normal use conditions.

<b>Environmental exposure controls:</b>	No special requirements under normal use conditions.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

	Method / remark
<b>Physical state:</b> Liquid	
<b>Colour:</b> Clear , Pale , Yellow	
<b>Odour:</b> Chlorine	
<b>Odour threshold:</b> Not applicable	
<b>pH:</b> > 12.5 (neat)	ISO 4316
<b>Dilution pH:</b> Not measured	
<b>Melting point/freezing point (°C):</b> Not determined	Not relevant to classification of this product
<b>Initial boiling point and boiling range (°C):</b> Not determined	
<b>Flammability (liquid):</b> Not flammable.	
<b>Flash point (°C):</b> Not applicable.	
<b>Sustained combustion:</b> Not applicable.	
( UN Manual of Tests and Criteria, section 32, L.2 )	
<b>Evaporation rate:</b> Not determined	Not relevant to classification of this product
<b>Flammability (solid, gas):</b> Not applicable to liquids	
<b>Lower and upper explosion limit/flammability limit (%):</b> Not determined	
<b>Vapour pressure:</b> Not determined	
<b>Relative vapour density:</b> Not determined	Not relevant to classification of this product
<b>Relative density:</b> ≈ 1.08 (20 °C)	OECD 109 (EU A.3)
<b>Solubility in / Miscibility with water:</b> Fully miscible	
<b>Partition coefficient: n-octanol/water</b> No information available.	

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

<b>Autoignition temperature:</b> Not determined
<b>Decomposition temperature:</b> Not applicable.
<b>Viscosity:</b> Not determined
<b>Explosive properties:</b> Not explosive.
<b>Oxidising properties:</b> Not oxidising.

### 9.2 Other information

<b>Surface tension (N/m):</b> Not determined
<b>Corrosion to metals:</b> Not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

Stable under normal storage and use conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

#### 10.4 Conditions to avoid

None known under normal storage and use conditions.

#### 10.5 Incompatible materials

Reacts with acids.

#### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Mixture data:.

#### Relevant calculated ATE(s):

ATE - Oral (mg/kg): 4200

Substance data, where relevant and available, are listed below:.

#### Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
sodium hypochlorite (active chlorine)	LD <sub>50</sub>	1100	Rat	OECD 401 (EU B.1)	90

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
sodium hypochlorite (active chlorine)	LD <sub>50</sub>	> 20000	Rabbit	OECD 402 (EU B.3)	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium hypochlorite (active chlorine)	LC <sub>50</sub>	> 10.5 (vapour)	Rat	OECD 403 (EU B.2)	1

#### Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite (active chlorine)	Corrosive	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite (active chlorine)	Severe damage	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite (active chlorine)	Irritating to respiratory tract			

#### Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
sodium hypochlorite (active chlorine)	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite (active chlorine)	Not sensitising			

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method	Result (in-vivo)	Method
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		(in-vitro)		(in-vivo)
sodium hypochlorite (active chlorine)	No evidence for mutagenicity	OECD 471 (EU B.12/13)	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)

## Carcinogenicity

Ingredient(s)	Effect
sodium hypochlorite (active chlorine)	No evidence for carcinogenicity, negative test results

## Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
sodium hypochlorite (active chlorine)	NOAEL	Developmental toxicity Impaired fertility	5 (Cl)	Rat	OECD 414 (EU B.31), oral OECD 415 (EU B.34), oral		No evidence for reproductive toxicity

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium hypochlorite (active chlorine)	NOAEL	50	Rat	OECD 408 (EU B.26)	90	

## Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium hypochlorite (active chlorine)		No data available				

## Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium hypochlorite (active chlorine)		No data available				

## Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
sodium hypochlorite (active chlorine)			No data available					

## STOT-single exposure

Ingredient(s)	Affected organ(s)
sodium hypochlorite (active chlorine)	Not applicable

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
sodium hypochlorite (active chlorine)	Not applicable

## Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

## Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## SECTION 12: Ecological information

## 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

## Aquatic short-term toxicity

## Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium hypochlorite (active chlorine)	LC <sub>50</sub>	0.06	<i>Oncorhynchus mykiss</i>	Method not given	96

## Aquatic short-term toxicity - crustacea

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/l)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (h)</b>
sodium hypochlorite (active chlorine)	EC <sub>50</sub>	0.035	<i>Ceriodaphnia dubia</i>	OECD 202 (EU C.2)	48

## Aquatic short-term toxicity - algae

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/l)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (h)</b>
sodium hypochlorite (active chlorine)	NOEC	0.0021	<i>Not specified</i>	Method not given	168

## Aquatic short-term toxicity - marine species

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/l)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (days)</b>
sodium hypochlorite (active chlorine)	EC <sub>50</sub>	0.026	<i>Crassostrea virginica</i>	Method not given	2

## Impact on sewage plants - toxicity to bacteria

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/l)</b>	<b>Inoculum</b>	<b>Method</b>	<b>Exposure time</b>
sodium hypochlorite (active chlorine)		0.375	<i>Activated sludge</i>	Method not given	

## Aquatic long-term toxicity

## Aquatic long-term toxicity - fish

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/l)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)	NOEC	0.04	<i>Menidia pelinsulae</i>	Method not given	96 hour(s)	

## Aquatic long-term toxicity - crustacea

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/l)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)	NOEC	0.007	<i>Crassostrea virginica</i>	Method not given	15 day(s)	

## Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/kg dw sediment)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (days)</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)		No data available				

## Terrestrial toxicity

## Terrestrial toxicity - soil invertebrates, including earthworms, if available:

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/kg dw soil)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (days)</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)		No data available				

## Terrestrial toxicity - plants, if available:

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/kg dw soil)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (days)</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)		No data available				

## Terrestrial toxicity - birds, if available:

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (days)</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)		No data available				

## Terrestrial toxicity - beneficial insects, if available:

<b>Ingredient(s)</b>	<b>Endpoint</b>	<b>Value (mg/kg dw soil)</b>	<b>Species</b>	<b>Method</b>	<b>Exposure time (days)</b>	<b>Effects observed</b>
sodium hypochlorite (active chlorine)		No data available				

## Terrestrial toxicity - soil bacteria, if available:

## CYCLONE PREMIUM BLEACH

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
sodium hypochlorite (active chlorine)		No data available				

**12.2 Persistence and degradability****Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
sodium hypochlorite (active chlorine)	115 day(s)	Indirect photo-oxidation		

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
sodium hypochlorite (active chlorine)	No data available			

Abiotic degradation - other processes, if available:

Ingredient(s)	Type	Half-life time	Method	Evaluation	Remark
sodium hypochlorite (active chlorine)		No data available			

**Biodegradation**

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
sodium hypochlorite (active chlorine)					Not applicable (inorganic substance)

Ready biodegradability - anaerobic and marine conditions, if available:

Ingredient(s)	Medium & Type	Analytical method	DT <sub>50</sub>	Method	Evaluation
sodium hypochlorite (active chlorine)					No data available

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT <sub>50</sub>	Method	Evaluation
sodium hypochlorite (active chlorine)					No data available

**12.3 Bioaccumulative potential**Partition coefficient n-octanol/water (log K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
sodium hypochlorite (active chlorine)	-3.42	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
sodium hypochlorite (active chlorine)	No data available				

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K <sub>oc</sub>	Desorption coefficient Log K <sub>oc</sub> (des)	Method	Soil/sediment type	Evaluation
sodium hypochlorite (active chlorine)	1.12				High potential for mobility in soil

**12.5 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**Empty packaging****Recommendation:****Suitable cleaning agents:**

Dispose of observing national or local regulations.  
Water, if necessary with cleaning agent.



**SECTION 14: Transport information****ADG, IMO/IMDG, ICAO/IATA****14.1 UN number or ID number:** 3082**14.2 UN proper shipping name:**

Environmentally hazardous substance, liquid, n.o.s. ( hypochlorite )

**14.3 Transport hazard class(es):**

Transport hazard class (and subsidiary risks): 9

**14.4 Packing group:** III**14.5 Environmental hazards:**

Environmentally hazardous: Yes

Marine pollutant: Yes

**14.6 Special precautions for user:** None known.**14.7 Maritime transport in bulk according to IMO instruments:** The product is not transported in bulk tankers.**Other relevant information:****Hazchem code:** +3Z**IMO/IMDG****EmS:** F-A, S-F

This product has been classified, labelled and package in accordance with the requirements of the NZ Land Transport Rule: Dangerous Goods, ADG, and the provisions of the IMDG Code.

Transport regulations include special provisions for dangerous goods packed in small quantities classified under UN3077 or UN3082

(a) IMDG 2.10.2.7 exception: Labelling and packaging not subject to this Code when package in single or combination packagings containing a net quantity per single or inner packaging of 5L(kg) or less

(b) ADG 7.6 SP No. AU01 exception: Labelling and packaging not subject to this Code when transported by road or rail in packagings not > 500 kg(L) or IBCs

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****HSNO Approval Number**

HSR002530.

**Group standard**

Cleaning Products (Subsidiary Hazard) Group Standard 2020

**Inventory Listing(s)**

New Zealand: NZIoC (New Zealand Inventory of Chemicals)

All components are listed on the NZIoC inventory, or are exempt

**HSNO Classification**

6.3A - Irritating to the skin

8.3A - Corrosive to ocular tissue

9.1A - Very ecotoxic in the aquatic environment

**SECTION 16: Other information**

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MS32000091**Version:** 01.1**Revision:** 2023-03-25**Abbreviations and acronyms:**

- DNEL - Derived No Effect Limit
- AUH - Non GHS hazard statement
- PNEC - Predicted No Effect Concentration
- ATE - Acute Toxicity Estimate
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level

**CYCLONE PREMIUM BLEACH**

- NOAEL - No observed adverse effect level
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)
- EC No. - European Community Number
- OECD - Organisation for Economic Cooperation and Development

**End of Safety Data Sheet**