

## Material Safety Data Sheet

### AQUATREAT® Bleach

Page: 1/5

Printing date: 30/12/2010

#### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

##### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

TRADE NAME AQUATREAT® Bleach

##### USE OF THE SUBSTANCE/PREPARATION

Biocide

##### COMPANY IDENTIFICATION

COMPANY International Aquatreat company bvba

ADDRESS Industrial Zone - Nieuwland 15

3200 AARSCHOT

TEL +32 (0)16 562121

FAX +32 (0)16 560166

WEBSITE www.aquatreat.be

##### EMERGENCY TELEPHONE NUMBER

EMERGENCY TELEPHONE NUMBER +32 (0)16562121

#### 2. HAZARDS IDENTIFICATION

DANGER SYMBOLS



C - Corrosive

R-PHRASES

R31 - Contact with acids liberates toxic gas.

R34 - Causes burns.

S-PHRASES

S1/2 - Keep locked up and out of the reach of children.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S35 - This material and its container must be disposed of in a safe way.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

OTHER DANGERS

None

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### INFORMATION ON INGREDIENTS

NAME	CAS-NUMBER	EC NUMBER	CONC.	DANGER SYMBOLS	R-PHRASES
Sodium hypochlorite	7681-52-9	231-668-3	>= 10 %	C	R31,R34

Industrial Zone - Nieuwland 15

3200 AARSCHOT

www.aquatreat.be

aquatreat@aquatreat.be

+32 (0)16 562121

+32 (0)16 560166

## Material Safety Data Sheet

### AQUATREAT® Bleach

Page: 2/5

Printing date: 30/12/2010

#### 4. FIRST AID MEASURES

##### INHALATION

Move the person to fresh air

##### SKIN

Wash immediately with lots of water

##### EYES

Wash immediately with lots of water (15 minutes)

##### INGESTION

Immediately after ingestion: give lots of water to drink

seek medical advice immediately

#### 5. FIRE FIGHTING MEASURES

##### SUITABLE EXTINGUISHING MEDIA

Powder

Water

Foam

##### EXTINGUISHING MEDIA TO AVOID

Not specified

#### 6. ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Protective clothing

##### ENVIRONMENTAL PRECAUTIONS

Plug the leak, cut off the supply

Prevent soil and water pollution

##### METHODS FOR CLEANING UP

Clean contaminated surfaces with an excess of water

#### 7. HANDLING AND STORAGE

##### HANDLING

PRECAUTIONS MANIPULATION      Keep packing tightly closed

##### STORAGE

PRECAUTIONS STORAGE              Keep container in a well ventilated place.

## Material Safety Data Sheet

### AQUATREAT® Bleach

Page: 3/5

Printing date: 30/12/2010

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

##### PERSONAL PROTECTION

RESPIRATORY PROTECTION	/
HAND PROTECTION	Gloves
EYE PROTECTION	Protective goggles
SKIN PROTECTION	Wear suitable gloves, resistant to chemicals

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

##### GENERAL INFORMATION

PHYSICAL STATE	Liquid
ODOUR	irritating/pungent odour
COLOUR	Yellow
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

##### VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	1,22 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	> 11
VISCOSITY	/

##### DANGER OF EXPLOSION AND FIRE

FLASH POINT	/
-------------	---

#### 10. STABILITY AND REACTIVITY

##### CONDITIONS AND MATERIALS TO AVOID

(strong) acids

heat sources

##### HAZARDOUS DECOMPOSITION PRODUCTS

/

#### 11. TOXICOLOGICAL INFORMATION

##### TOXICITY

LD50 (ORAL,RAT)	> 2000 mg/kg
-----------------	--------------

##### CHRONIC TOXICITY

CHRONIC TOXICITY	Not listed in mutagenicity class (EG,MAK)
------------------	---

## Material Safety Data Sheet

### AQUATREAT® Bleach

Page: 4/5

Printing date: 30/12/2010

#### 12.ECOLOGICAL INFORMATION

##### ECOTOXICITY

LC50 (FISH) 50 mg/l (96h)  
LC50 (WATER ORGANISMS) 30 mg/l (96h), Algae  
EC50 (DAPHNIA) > 200 mg/l (48h)

##### PERSISTENCE AND DEGRADABILITY

WGK 1

##### OTHER ADVERSE EFFECTS

/

#### 13.DISPOSAL CONSIDERATIONS

##### DISPOSAL OF THE PRODUCT AND WASTE

Hazardous waste (91/689/EEG)

Refer to manufacturer/supplier for information on recovery/ recycling

#### 14.TRANSPORT INFORMATION

##### UNO

UN NUMBER 1791

##### ROAD (ADR)

UN NUMBER 1791

ADR-CLASS 8

ADR SYMBOL



8 -

Corrosive

substances

ADR PROPER SHIPPING NAME UN 1791 hypochlorite solution, 8, III, (E)

ADR-PACKING GROUP III

## Material Safety Data Sheet

### AQUATREAT® Bleach

Page: 5/5

Printing date: 30/12/2010

#### 15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

**NAME**

Sodium hypochlorite

EC NUMBER

231-668-3

DANGER SYMBOLS



C -

Corrosive

R-PHRASES

R31 - Contact with acids liberates toxic gas.

R34 - Causes burns.

S-PHRASES

S1/2 - Keep locked up and out of the reach of children.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S35 - This material and its container must be disposed of in a safe way.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### 16. OTHER INFORMATION

R-PHRASES

R31 - Contact with acids liberates toxic gas.

R34 - Causes burns.

FURTHER INFORMATION

The contents and format of this material safety data sheet are in accordance with REACH 1907/2006 and CLP-EU 1272/2008.

REVISION

5

REVIEW DATE

24/12/2010