

Material Safety Data Sheet

AQUATREAT® Bleach

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Printing date: 18/06/2009

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. COMPOSITION/INFORMATION ON INGREDIENTS

INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

DANGERS FOR HUMANS AND THE ENVIRONMENT

Contact with acids liberates toxic gas., Causes burns.

OTHER DANGERS None

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

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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.
Ventilation - Ensure good ventilation

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

PERSONAL PROTECTION

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

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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

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)

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

/

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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

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15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

NAME

Sodium hypochlorite

EG 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 EC Commission Directives 67/548/EC, 88/379/EC, 91/155/EC and updates from the European Commission.

REVISION

4

REVIEW DATE

14/07/2008