

## Material Safety Data Sheet

### AQUATREAT® Neutralcal

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Printing date: 30/12/2010

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

##### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

TRADE NAME AQUATREAT® Neutralcal

##### USE OF THE SUBSTANCE/PREPARATION

Increase of pH

##### 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

R35 - Causes severe burns.

S-PHRASES

Do not breathe ...

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.

S37/39 - Wear suitable 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 hydroxide	1310-73-2	215-185-5	>= 5 %	C	R35

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#### 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.

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#### 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	Odourless
COLOUR	Colourless
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

##### VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	$\geq 100$ °C
RELATIVE DENSITY	1,15 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	$> 11$
VISCOSITY	/

##### DANGER OF EXPLOSION AND FIRE

FLASH POINT	/
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#### 10. STABILITY AND REACTIVITY

##### CHEMICAL REACTIONS

Heating up due to reaction with acids is possible

##### CONDITIONS AND MATERIALS TO AVOID

(strong) acids

heat sources

##### HAZARDOUS DECOMPOSITION PRODUCTS

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#### 11. TOXICOLOGICAL INFORMATION

##### TOXICITY

LD50 (SKIN,RABIT) > 1350 mg/ kg

##### CHRONIC TOXICITY

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

#### 12. ECOLOGICAL INFORMATION

##### ECOTOXICITY

LC50 (FISH) 10 mg/l (48h)  
LC50 (WATER ORGANISMS) 30 mg/l (96h), Algae  
EC50 (DAPHNIA) > 200 mg/l (48h)

##### MOBILITY

##### ENVIRONMENT INFORMATION FOR WATER

Mild water pollutant (surface water)  
pH shift  
Highly toxic to aquatic organisms

##### INFORMATION D'ENVIRONNEMENT OF THE SOIL

Soil contaminant

##### OTHER ADVERSE EFFECTS

/

#### 13. DISPOSAL CONSIDERATIONS

##### DISPOSAL OF THE PRODUCT AND WASTE

Refer to manufacturer/supplier for information on recovery/ recycling  
Hazardous waste (91/689/EEG)

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#### 14. TRANSPORT INFORMATION

##### UNO

UN NUMBER 1824

##### ROAD (ADR)

UN NUMBER 1824

ADR-CLASS 8

ADR SYMBOL



8 -

Corrosive  
substances

ADR PROPER SHIPPING NAME UN 1824 sodium hydroxide, solution, 8, II, (E)

ADR-PACKING GROUP II

#### 15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

##### NAME

Sodium hydroxide

DANGER SYMBOLS



C -

Corrosive

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#### 16. OTHER INFORMATION

R-PHRASES R35 - Causes severe 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 6

REVIEW DATE 24/12/2010

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