

## Material Safety Data Sheet

### AQUATREAT® 130

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Printing date: 5/06/2009

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

##### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

TRADE NAME AQUATREAT® 130

##### USE OF THE SUBSTANCE/PREPARATION

Product for cooling water treatment

##### 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
Na-silicate	1344-09-8	215-687-4	< 25 %	Xn	R22,R37/38,R41
NaNO2	7632-00-0	231-555-9	>= 5 %	N, O, T	R8,R25,R50

#### 3. HAZARDS IDENTIFICATION

##### DANGERS FOR HUMANS AND THE ENVIRONMENT

Toxic if swallowed.

#### 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

Foam

Water

##### 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	Odourless
COLOUR	Light yellow
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

##### VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	1,16 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	> 11

##### DANGER OF EXPLOSION AND FIRE

FLASH POINT /

#### 10. STABILITY AND REACTIVITY

##### STABILITY

Stable at normal conditions

##### CHEMICAL REACTIONS

/

##### CONDITIONS AND MATERIALS TO AVOID

Frostbite

(strong) acids

##### HAZARDOUS DECOMPOSITION PRODUCTS

/

#### 11. TOXICOLOGICAL INFORMATION

##### TOXICITY

LD50 (ORAL,RAT) > 400 mg/kg

##### CHRONIC TOXICITY

CHRONIC TOXICITY No cumulative effect

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#### 12.ECOLOGICAL INFORMATION

##### ECOTOXICITY

LC50 (FISH) 1500-2500 mg/l (Leuciscus idus, 48h)

EC50 (DAPHNIA) 60-500 mg/l (48h)

##### OTHER ADVERSE EFFECTS

/

#### 13.DISPOSAL CONSIDERATIONS

##### DISPOSAL OF THE PRODUCT AND WASTE

Do not discharge into drains or the environment

Refer to manufacturer/supplier for information on recovery/ recycling

#### 14.TRANSPORT INFORMATION

##### UNO

UN NUMBER 3287

##### ROAD (ADR)

UN NUMBER 3287

ADR-CLASS 6.1

ADR SYMBOL



6.1 - Toxic  
substances

ADR PROPER SHIPPING NAME UN 3287 toxic liquid, inorganic, n.o.s., (sodium nitrite), 6.1, III, (E)

ADR-PACKING GROUP III

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#### 15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

**NAME**

Na-silicate

NaNO<sub>2</sub>

DANGER SYMBOLS



T - Toxic

R-PHRASES

R25 - Toxic if swallowed.

S-PHRASES

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

S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

S50.4 - Do not mix with other chemicals.

#### 16. OTHER INFORMATION

R-PHRASES

R22 - Harmful if swallowed.

R25 - Toxic if swallowed.

R37/38 - Irritating to respiratory system and skin.

R41 - Risk of serious damage to eyes.

R50 - Very toxic to aquatic organisms.

R8 - Contact with combustible material may cause fire.

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

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REVIEW DATE

1/10/2006

SOURCES

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