



Fine Chemicals for Water Treatment

Material Safety Data Sheet

AQUATREAT® 680

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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® 680

USE OF THE SUBSTANCE/PREPARATION

Product for boiler water treatment

COMPANY IDENTIFICATION

COMPANY International Aquatreat company bvba

ADDRESS Industrial Zone - Nieuwland 15

3200 AARSCHOT

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EMERGENCY TELEPHONE NUMBER

EMERGENCY TELEPHONE NUMBER +32 (0)16562121

2. HAZARDS IDENTIFICATION

S-PHRASES S20 - When using do not eat or drink.
S24 - Avoid contact with skin.
S25 - Avoid contact with eyes.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

PREPARATION Not classified as dangerous

OTHER DANGERS None

3. COMPOSITION/INFORMATION ON INGREDIENTS

INFORMATION ON INGREDIENTS

NAME	CAS-NUMBER	EC NUMBER	CONC.	DANGER SYMBOLS	R-PHRASES
Sodium bisulphite	7631-90-5	231-548-0	< 25 %	Xn	R22,R31

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.

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	1,19 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	7,1 +/- 1,0
VISCOSITY	/

DANGER OF EXPLOSION AND FIRE

FLASH POINT /

10. STABILITY AND REACTIVITY

STABILITY

Stable at normal conditions

CHEMICAL REACTIONS

Generates toxic gas in contact with acid (SO₂)

CONDITIONS AND MATERIALS TO AVOID

Frostbite

(strong) acids

HAZARDOUS DECOMPOSITION PRODUCTS

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11. TOXICOLOGICAL INFORMATION

TOXICITY

LD50 (ORAL,RAT) > 7200 mg/kg

CHRONIC TOXICITY

CHRONIC TOXICITY

No cumulative effect

INFORMATION

Ammonium carbonate and ammonium bicarbonate can be present in steam. Are admitted as food additives : R.D. 01.03.1998, App. I, E503i and E503ii.

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12.ECOLOGICAL INFORMATION

MOBILITY

ENVIRONMENT INFORMATION FOR WATER

Readily biodegradable in water

OTHER ADVERSE EFFECTS

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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

ROAD (ADR)

ADR-CLASS Non hazardous product

15.REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMING THE DANGER

NAME

Sodium bisulphite

S-PHRASES

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PREPARATION

Not classified as dangerous

16.OTHER INFORMATION

R-PHRASES

R22 - Harmful if swallowed.

R31 - Contact with acids liberates toxic gas.

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

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REVIEW DATE

24/12/2010

SOURCES

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