

## Material Safety Data Sheet

### AQUATREAT® 539

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Printing date: 11/09/2009

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

##### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

TRADE NAME AQUATREAT® 539

##### USE OF THE SUBSTANCE/PREPARATION

Dispersant for reversed osmosis

##### COMPANY IDENTIFICATION

COMPANY International Aquatreat company bvba

ADDRESS Industrial Zone - Nieuwland 15

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FAX +32 (0)16 560166

WEBSITE www.aquatreat.be

##### EMERGENCY TELEPHONE NUMBER

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#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

##### INFORMATION ON INGREDIENTS

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

#### 3. HAZARDS IDENTIFICATION

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

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 green
OTHER GENERAL INFORMATION	Turbid
WATER SOLUBILITY	Completely soluble

##### VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	1,15 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	4,9 +/- 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 (SO<sub>2</sub>)

##### CONDITIONS AND MATERIALS TO AVOID

Frostbite

(strong) acids

##### HAZARDOUS DECOMPOSITION PRODUCTS

/

#### 11. TOXICOLOGICAL INFORMATION

##### TOXICITY

LD50 (ORAL,RAT) > 15000 mg/kg

##### CHRONIC TOXICITY

CHRONIC TOXICITY No cumulative effect



Fine Chemicals for Water Treatment

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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

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

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

##### REVISION

1

##### REVIEW DATE

11/02/2007

##### SOURCES

All the given information is correct to our current knowledge. None of the indications, compositions or applications have the intention of violating existing patents.

Nothing may be duplicated and/or multiplied without our written consent.

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