

Fine Chemicals for Water Treatment

Safety Data Sheet

AQUATREAT® 202

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Chemical type : Mixture

Name : AQUATREAT® 202

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.2.1. Relevant identified uses

Use of the substance/mixture : Product for cooling water treatment

Title	Sector of use	Product category	Process category	Article category	Environmenta I release	SPERC
Industrial use of water treatment products	SU0, SU3, SU5, SU22, SU23	PC37	PROC2, PROC4, PROC8a, PROC8b, PROC9		ERC4	ESVOC SPERC 3.22a.v1

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

International Aquatreat company bvba Industrial Zone B 122 - Nieuwlandlaan 40/42 3200 AARSCHOT - Belgium T +32 (0)16 562121

aquatreat@aquatreat.be - www.aquatreat.eu

1.4. EMERGENCY TELEPHONE NUMBER

No additional information available

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. LABEL ELEMENTS

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection

2.3. OTHER HAZARDS

This substance/mixture does not meet the PBT/vPvB criteria of REACH regulation, annex XIII

Other hazards not contributing to the : None.

classification

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCE

Not applicable

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3.2. MIXTURE

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

First-aid measures after inhalation : Move the person to fresh air.

First-aid measures after skin contact : Wash immediately with lots of water.

First-aid measures after eye contact : Wash immediately with lots of water (15 minutes).

First-aid measures after ingestion : Immediately after ingestion: give lots of water to drink. Seek medical advice

immediately.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No additional information available

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media : Powder. Foam. Water.

Unsuitable extinguishing media : Not specified.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

No additional information available

5.3. ADVICE FOR FIREFIGHTERS

No additional information available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures : Protective clothing.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. ENVIRONMENTAL PRECAUTIONS

Plug the leak, cut off the supply. Prevent soil and water pollution.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

6.4. REFERENCE TO OTHER SECTIONS

No additional information available

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling : Keep packing tightly closed.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions : Keep container in a well ventilated place.

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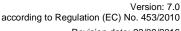
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or in a won vertiliated place.

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7.3. **SPECIFIC END USE(S)**

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **CONTROL PARAMETERS**

No additional information available

EXPOSURE CONTROLS

Hand protection : Gloves.

Eye protection : Protective goggles.

Skin and body protection : Wear suitable gloves, resistant to chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES 9.1.

Physical state : Liquid **Appearance** : clear. Colour : Colourless. : Odourless. Odour

Odour threshold : No data available

: 4.5 +/- 1

: No data available Melting point Freezing point : No data available

Boiling point : > 100 °C

Flash point : No data available Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : No data available Explosive limits : No data available Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : 1,08 +/- 0,02

Solubility : Water solubility: 100%.

Water: Completely soluble

Log Pow : No data available Auto-ignition temperature : No data available : No data available Decomposition temperature Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available : No data available Oxidising properties

9.2. OTHER INFORMATION

No additional information available

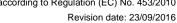
SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

No additional information available

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10.2. **CHEMICAL STABILITY**

Stable at normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS 10.3.

No additional information available

10.4. **CONDITIONS TO AVOID**

Freezing.

10.5. **INCOMPATIBLE MATERIALS**

No additional information available

HAZARDOUS DECOMPOSITION PRODUCTS

No additional information available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

: Not classified Acute toxicity

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LD50 oral rat	> 8000 mg/kg	
LD50 dermal rabbit	> 4000 mg/kg	
ATE CLP (oral)	6202,000 mg/kg	

Skin corrosion/irritation : Not classified

pH: 4,5 +/- 1

: Not classified Serious eye damage/irritation

pH: 4,5 +/- 1

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified Specific target organ toxicity (single : Not classified

exposure)

Specific target organ toxicity (repeated

exposure)

: Not classified

: Not classified Aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

12.1. **TOXICITY**

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LC50 fish 1	520 mg/l (96h, Poecilia reticul)
EC50 Daphnia 1	720 mg/l (96h)

PERSISTENCE AND DEGRADABILITY 12.2.

No additional information available

BIOACCUMULATIVE POTENTIAL

No additional information available

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12.4. **MOBILITY IN SOIL**

No additional information available

RESULTS OF PBT AND VPVB ASSESSMENT

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This substance/mixture does not meet the PBT/vPvB criteria of REACH regulation, annex XIII

OTHER ADVERSE EFFECTS

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Ecology - waste materials

: Do not discharge into drains or the environment. Refer to manufacturer/supplier for information on recovery/ recycling.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR **MIXTURE**

15.1.1. EU-Regulations

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

CHEMICAL SAFETY ASSESSMENT

No additional information available

SECTION 16: OTHER INFORMATION

Other information

: The contents and format of this material safety data sheet are in accordance with REACH 1907/2006 and CLP-EU 1272/2008. 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.

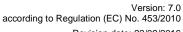
Full text of R-, H- and EUH-statements:

ERC4	Industrial use of processing aids in processes and products, not becoming part of articles
ESVOC SPERC	Water treatment chemicals: Industrial (SU10)
3.22a.v1	
PC37	Water treatment chemicals
PROC2	Use in closed, continuous process with occasional controlled exposure
PROC4	Use in batch and other process (synthesis) where opportunity for exposure arises
PROC8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities
PROC8b	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
PROC9	Transfer of substance or preparation into small containers (dedicated filling line, including weighing)
SU0	Other

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SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)	
SU23	Electricity, steam, gas water supply and sewage treatment	
SU3	dustrial uses: Uses of substances as such or in preparations* at industrial sites	
SU5	Manufacture of textiles, leather, fur	

REACH SDS Aquatreat

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product