



Fine Chemicals for Water Treatment

Material Safety Data Sheet

AQUATREAT® 820

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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® 820

USE OF THE SUBSTANCE/PREPARATION

Cleaning agent

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
Citric acid	5949-29-1	201-069-1	< 20 %	Xi	R36

INFORMATION ON INGREDIENTS Not classified as dangerous

3. HAZARDS IDENTIFICATION

OTHER DANGERS Frost

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	Colourless
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	1,08 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	< 3

DANGER OF EXPLOSION AND FIRE

FLASH POINT /

10. STABILITY AND REACTIVITY

CHEMICAL REACTIONS

/

CONDITIONS AND MATERIALS TO AVOID

Frostbite
(strong) bases

HAZARDOUS DECOMPOSITION PRODUCTS

/

11. TOXICOLOGICAL INFORMATION

TOXICITY

LD50 (ORAL, RAT) = 60000 mg/kg

CHRONIC TOXICITY

CHRONIC TOXICITY No cumulative effect

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12.ECOLOGICAL INFORMATION

ECOTOXICITY

LC50 (FISH) 22-38 mg/l (96h)

MOBILITY

ENVIRONMENT INFORMATION FOR WATER

Readily biodegradable in water

PERSISTENCE AND DEGRADABILITY

BOD 96 mg O₂/g

COD 132 mg O₂/g

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

ROAD (ADR)

ADR-CLASS Non hazardous product

15.REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMING THE DANGER

NAME

Citric acid

S-PHRASES S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

PREPARATION Not classified as dangerous

16.OTHER INFORMATION

R-PHRASES R36 - Irritating to eyes.

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 5

REVIEW DATE 7/07/2005