

Material Safety Data Sheet

AQUATREAT® 427

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Printing date: 18/06/2009

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

TRADE NAME AQUATREAT® 427

USE OF THE SUBSTANCE/PREPARATION

Biocide

COMPANY IDENTIFICATION

COMPANY International Aquatreat company bvba

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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
Bronopol 52-51-7		200-143-0	>= 10 %	Xn, N	R21/22,R37/38,R41,R50

3. HAZARDS IDENTIFICATION

DANGERS FOR HUMANS AND THE ENVIRONMENT

Harmful if swallowed., Irritating to respiratory system and skin., Risk of serious damage to eyes.

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

Water

Foam

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	Weakly
COLOUR	Colourless
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	1,10 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	4,5 +/- 1,0

DANGER OF EXPLOSION AND FIRE

FLASH POINT /

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS

90 °C: (NO)x

11. TOXICOLOGICAL INFORMATION

TOXICITY

LD50 (ORAL,RAT)	1500 mg/kg
LD50 (SKIN,RAT)	> 2000 mg/kg

CHRONIC TOXICITY

CHRONIC TOXICITY Not listed in mutagenicity class (EG,MAK)

12. ECOLOGICAL INFORMATION

ECOTOXICITY

LC50 (FISH)	41,2 mg/l (96h, Oncorhynchus mykiss)
LC50 (WATER ORGANISMS)	30 mg/l (96h), Algae
EC50 (DAPHNIA)	1,4 mg/l (48h)

OTHER ADVERSE EFFECTS

/

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF THE PRODUCT AND WASTE

Refer to manufacturer/supplier for information on recovery/ recycling

Do not discharge into drains or the environment

Industrial Zone - Nieuwland 15

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14. TRANSPORT INFORMATION

ROAD (ADR)

ADR-CLASS Non hazardous product

15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

NAME

Bronopol

EG NUMBER

200-143-0

DANGER SYMBOLS



Xn -

Harmful

R-PHRASES

R22 - Harmful if swallowed.

R37/38 - Irritating to respiratory system and skin.

R41 - Risk of serious damage to eyes.

S-PHRASES

S23.5 - Do not breathe aerosol.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 - Wear suitable gloves and eye/face protection.

S60 - This material and its container must be disposed of as hazardous waste.

16. OTHER INFORMATION

R-PHRASES

R21/22 - Harmful in contact with skin and if swallowed.

R37/38 - Irritating to respiratory system and skin.

R41 - Risk of serious damage to eyes.

R50 - Very toxic to aquatic organisms.

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

14/07/2008

SOURCES

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