

Material Safety Data Sheet

AQUATREAT® 427

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Printing date: 1/07/2011

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

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. HAZARDS IDENTIFICATION

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.

OTHER DANGERS

Frost

3. COMPOSITION/INFORMATION ON INGREDIENTS

INFORMATION ON INGREDIENTS

NAME	CAS-NUMBER	EC NUMBER	CONC.	DANGER SYMBOLS	R-PHRASES
Bronopol 52-51-7		200-143-0	>= 10 %	Xn, N	R21/22,R37/38,R41,R50

Industrial Zone - Nieuwland 15

3200 AARSCHOT

www.aquatreat.be

aquatreat@aquatreat.be

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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

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.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

PERSONAL PROTECTION

RESPIRATORY PROTECTION	/
HAND PROTECTION	Gloves
EYE PROTECTION	Protective goggles
SKIN PROTECTION	Wear suitable gloves, resistant to chemicals

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
VISCOSITY	/

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)

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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

14.TRANSPORT INFORMATION

UNO

UN NUMBER 3265

ROAD (ADR)

UN NUMBER 3265

ADR-CLASS 8

ADR SYMBOL



8 -

Corrosive

substances

ADR PROPER SHIPPING NAME UN 3265 corrosive liquid, acidic, organic, n.o.s., (contains bronopol),8,III, (E)

ADR-PACKING GROUP III

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15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

NAME

Bronopol

EC NUMBER

200-143-0

DANGER SYMBOLS



Xn -

Harmful

R-PHRASES

R22 - Harmful if swallowed.

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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 REACH 1907/2006 and CLP-EU 1272/2008.

REVISION

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REVIEW DATE

24/12/2010

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.

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