

Material Safety Data Sheet

AQUATREAT® 714

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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® 714

USE OF THE SUBSTANCE/PREPARATION

Corrosion inhibitor for steam- and condensate lines

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
Ethanolamine	141-43-5	205-483-3	>= 25 %	C	R20/21/22,R34
Methoxypropylamine	5332-73-0	226-241-3	5 <= C < 10 %	C, Xn	R10,R22,R35,R43

3. HAZARDS IDENTIFICATION

DANGERS FOR HUMANS AND THE ENVIRONMENT

Harmful by inhalation, in contact with skin and if swallowed., Causes burns., May cause sensitization by skin contact.

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

Industrial Zone - Nieuwland 15

3200 AARSCHOT

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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	Amine
COLOUR	Colourless
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

VALUES OF PHYSICAL PROPERTIES

MELTING POINT	- 5 °C
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	1,01 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	> 11

DANGER OF EXPLOSION AND FIRE

FLASH POINT	90 °C
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10. STABILITY AND REACTIVITY

CHEMICAL REACTIONS

Heating up due to reaction with acids is possible

CONDITIONS AND MATERIALS TO AVOID

(strong) acids

HAZARDOUS DECOMPOSITION PRODUCTS

/

11. TOXICOLOGICAL INFORMATION

TOXICITY

LD50 (ORAL,RAT)	> 6000 mg/kg
LD50 (SKIN,RAT)	> 13000 mg/kg

CHRONIC TOXICITY

CHRONIC TOXICITY	No cumulative effect
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12.ECOLOGICAL INFORMATION

ECOTOXICITY

LC50 (FISH) > 300 mg/l

EC50 (DAPHNIA) 30-300 mg/l (48h)

MOBILITY

ENVIRONMENT INFORMATION FOR WATER

Readily biodegradable in water

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

UNO

UN NUMBER 3267

ROAD (ADR)

UN NUMBER 3267

ADR-CLASS 8

ADR SYMBOL



8 -

Corrosive

substances

ADR PROPER SHIPPING NAME UN 3267 corrosive liquid, basic, organic, n.o.s., (mixture of monoethanolamine en methoxypropylamine), 8, III, (E)

ADR-PACKING GROUP III

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15. REGULATORY INFORMATION

NAME OF THE COMPONENTS DETERMINING THE DANGER

NAME

Ethanolamine

Methoxypropylamine

DANGER SYMBOLS



C -

Corrosive

R-PHRASES

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R34 - Causes burns.

R43 - May cause sensitization by skin contact.

S-PHRASES

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

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

PREPARATION

Not classified as dangerous

16. OTHER INFORMATION

R-PHRASES

R10 - Flammable.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R22 - Harmful if swallowed.

R34 - Causes burns.

R35 - Causes severe burns.

R43 - May cause sensitization by skin contact.

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

28/08/2005

SOURCES

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