

## Material Safety Data Sheet

### AQUATREAT® 705

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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® 705

##### 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
Ammoni	1336-21-6	215-647-6	5 ≤ C < 10 %	C, N	R34,R50

#### 3. HAZARDS IDENTIFICATION

##### DANGERS FOR HUMANS AND THE ENVIRONMENT

Irritating to eyes, respiratory system and skin.

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

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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	Smell of ammonia
COLOUR	Colourless
OTHER GENERAL INFORMATION	Clear
WATER SOLUBILITY	Completely soluble

##### VALUES OF PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	> 100 °C
RELATIVE DENSITY	0,96 +/- 0,02
VAPOUR PRESSURE (20°C)	/
PH	> 11

##### DANGER OF EXPLOSION AND FIRE

FLASH POINT /

#### 10. STABILITY AND REACTIVITY

##### STABILITY

Stable at normal conditions

##### CHEMICAL REACTIONS

Heating up due to reaction with acids is possible

##### CONDITIONS AND MATERIALS TO AVOID

(strong) acids

Frostbite

##### HAZARDOUS DECOMPOSITION PRODUCTS

/

#### 11. TOXICOLOGICAL INFORMATION

##### CHRONIC TOXICITY

CHRONIC TOXICITY

INFORMATION

No cumulative effect

Ammonium carbonate and ammonium bicarbonate can be present in steam. Are admitted as food additives : R.D. 01.03.1998, App. I, E503i and E503ii.

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#### 12. ECOLOGICAL INFORMATION

##### ECOTOXICITY

LC50 (FISH) 3,3 mg/l (96h, Oncorhynchus mykiss)

##### 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

##### ROAD (ADR)

ADR-CLASS Non hazardous product

#### 15. REGULATORY INFORMATION

##### NAME OF THE COMPONENTS DETERMINING THE DANGER

##### NAME

Ammoni

##### DANGER SYMBOLS



Xi -

Irritating

##### R-PHRASES

R36/37/38 - Irritating to eyes, respiratory system and skin.

##### 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.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

##### PREPARATION

Not classified as dangerous

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#### 16. OTHER INFORMATION

R-PHRASES

R34 - Causes burns.

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

5

REVIEW DATE

28/04/2005

SOURCES

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