

Safety Data Sheet

TRADE NAME AQUARIS AF 05

1. IDENTIFICATION OF THE PRODUCT / INTRODUCTION OF THE COMPANY

Product name	AQUARIS AF 05
Range of application	Antiscaling for reverse osmosis
Company Identification	BWT AQUA Ltd. Hauptstrasse 192 CH-4147 Aesch Phone: +41 (0) 61 755 88 99 (Mo-Fr: 8.00-17.00 h) Fax: +41 (0) 61 755 88 90
Swiss Toxicological Information Center	Phone +41 (0) 44 251 51 51 (24 h-emergency telephone) National 145

2. HAZARDS IDENTIFICATION

Hazard description No hazardous ingredients.

3. INFORMATION ON INGREDIENTS

Chemical description Substance
No hazardous ingredients.
Contains polyelectrolyte.

4. FIRST AID MEASURES

Inhalation	Exposure to Aerosol produces irritation of mucous membranes and respiratory tract.
Skin contact	Wash after exposure, if available use soap.
Eye contact	Immediately flush eyes with plenty of water. Call a doctor.
Ingestion	No bringing about vomiting. Call a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use appropriate means.
Special fire fighting procedures	None known.
Light inflammable substances	Not given.
Explosions Dust Hazard	In excess of 25.000 mg/m ³ .

6. ACCIDENTAL RELEASE MEASURES

Personally caution	Use hand-, eye-, and body protection.
Environment	Do not draw off product into sewage system.
Cleaning	Disposal according to local rules. Pick up solid mater, remains wash up with water. Use alkaline soap for neutralization.

7. HANDLING AND STORAGE

Handling	Not given.
Storage	Don't keep with food.
Further information	Keep away from combustible materials, heat, sparks and open flame. Do not store with: organic materials, strong oxidants, Ether, Acetone, heavy metal compounds, alcohol, reducing agent. Keep away from humidity.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION EQUIPMENT

Exposure limit information	not given.
Personal protection	
Hand protection	Protecting gloves (plastic)
Eye protection	safety glasses

9. PHYSIAL AND CHEMICAL PROPERTIES

Form	solution
Colour	clear - blue/green
Odour	odourless

DATA RELEVANT FOR SAFETY:

pH-value	T=20°C	1.5 – 3.0 (solution 5%)
Melting point		like water
Freezing point		like water
Solubility in water	T=20°C	complete
Density	T=20°C	1,05 – 1,21

10. STABILITY AND REACTIVITY

Dangerous reactions	Normal circumstance: stable.
Thermal corrosion	Unknown.
Hazardous decomposition products	Unknown.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXIZITY

LD ₅₀ (oral, rat)	10'000 mg/kg
Skin	No reaction.
Eyes	Light possible irritation.
Swallow	Light queasy
Inhalation	Light possible irritation.

12. ECOLOGICAL DATA

Very slow biological reduction. Unknown hurt of environment.

13. DISPOSAL CONSIDERATIONS

Product

Recommendations Corresponding local clause.

Contaminated packaging

Recommendations Water rinsing.

14. TRANSPORT INFORMATION

No hazard in meaning of shipping instructions (ADR). Admitted for airfreight, train and mail.

15. REGULATORY INFORMATION

Labelling according to EC directives (67/548/EWG, 1999/45/EG).

S-phrases	S 1/2 S 26	Keep locked up and out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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16. OTHER INFORMATION

Date of issue 02.07.2007

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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