

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING *

Product name : AQUAFINESSE HOT-TUB
Product code : SWE-HTL
Application : Cleaning agent.
Supplier : Special Water Europe BV
Plesmanstraat 50
3905 KZ Veenendaal, The Netherlands
Telephone : +31-318-525 311
Fax : +31-318-551 836
E-mail : msds@aquafinesse.com
Website : www.aquafinesse.com

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : +31-318-525 311

(During office hours only)

2 HAZARDS IDENTIFICATION

Classification : Not classified as dangerous according to statutory EC-Directives.
Human health hazards : Low hazard for usual industrial or commercial handling.
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.
Other information : Keep out of the reach of children.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Product description : Preparation.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC nr.	Symbols	R-phrases
Sodium carbonate	1 - 5	497-19-8	207-838-8	Xi	36

Reference is made to chapter 16 for full text of each relevant R phrase.

4 FIRST-AID MEASURES

Effects and symptoms

Inhalation : No specific effects and/or symptoms are known.
Skin contact : No specific effects and/or symptoms are known.
Eye contact : May cause stinging of eyes and redness.
Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

First aid measures

Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up.
Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

5 FIRE-FIGHTING MEASURES

Extinguishing media

Suitable	: Carbondioxide (CO ₂). Foam. Dry chemical. Water fog.
Not suitable	: None known.
Special exposure hazards	: None known. Non flammable product.
Hazardous thermal decomposition products	: Not applicable.
Special protective equipment for fire-fighters	: Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	: Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. See also section 8.
Environmental precautions	: Avoid release of product into sewers, surface water and/or ground water. Large spills: contain with dike.
Methods for cleaning up	: Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

7 HANDLING AND STORAGE

Handling	: Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with skin and eyes.
Storage	: Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C).
Recommended packaging	: Keep only in the original container.
Use	: Use only as directed. Do not mix with other products.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	: Not applicable.
Hygienic measures	: When using do not eat, drink or smoke.
Occupational exposure limits	: Occupational exposure limits have not been established for this product.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection	: Use of specific protective industrial clothing is not required under normal conditions of use.
Respiratory protection	: Take care of sufficient ventilation.
Hand protection	: Under normal conditions of use specific gloves are not required.
Eye protection	: Wear appropriate safety glasses when there is danger of possible eye contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid.
Colour	: Colourless.
Odour	: Characteristic.
pH	: 11,4
Solubility in water	: Soluble.
Solubility in fat	: Not known.
Partition coefficient (n-octanol/water)	: Not known.
Flash point	: Not applicable. (PMcc)
Auto ignition temperature	: Not applicable.
Boiling point/boiling range	: 100 °C
Melting point/melting range	: 0 °C
Explosion limits (in air)	: Not applicable.

Oxidising properties	: Not applicable.
Decomposition temperature	: Not applicable.
Viscosity (20°C)	: Not known.
Viscosity (40°C)	: Not known.
Vapour pressure (20°C)	: Not known.
Relative density (20°C)	: 1 g/ml
Evaporation rate	: < 1 (n-butyl acetate = 1)

10 STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: See section 7.
Materials to avoid	: No specific recommendations.
Hazardous decomposition products	: Not known.

11 TOXICOLOGICAL INFORMATION

No toxicological research has been carried out on this product.	
Inhalation	: No specific effects and/or symptoms are known.
Skin contact	: No specific effects and/or symptoms are known.
Eye contact	: Slight irritation possible.
Ingestion	: May cause a feeling of sickness, vomiting and diarrhoea.

12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.	
Ecotoxicity	: No specific information known. Not classified as dangerous for the aquatic environment.
Mobility	: If product enters soil, it will be highly mobile and may contaminate groundwater.
Persistence – degradability	: No specific information known.
Bioaccumulative potential	: No specific information known.

13 DISPOSAL CONSIDERATIONS

Product residues	: Do not dispose empty pack with regular household waste. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.
Local legislation	: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14 TRANSPORT INFORMATION

UN nr.	: None.
Transport name	: Not regulated.
ADR/RID (road / railway)	
Class	: This product is not classified according to ADR/RID.
IMDG (sea)	
Class	: This product is not classified according to IMDG.
Marine pollutant	: No
IATA (air)	
Class	: This product is not classified according to IATA.
Other information	: Country specific variations may apply.

15 REGULATORY INFORMATION

Community regulations : EC Directive 67/548/EEC (substances), 99/45/EC (preparations) and other regulations.
This product need not be classified under statutory EC-regulations.

Hazard symbols : None.

R- and S-phrases : None.

Other information : Keep out of the reach of children.

16 OTHER INFORMATION *

The information in this safety data sheet is compiled in compliance with Regulation (EC) 1907/2006 dated 18 December 2006 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 3:

R36 Irritating to eyes.

Number format : "," used as decimal separator.

History

Date of first issue : 27-05-2009

Date of second issue : 03-06-2009

Date of third issue : 24-08-2009

Date of fourth issue : 23-02-2011

Herewith all previous issues are expired.