

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : AQUAFINESSE HOT TUB WATER CARE  
Product code : SWE-HTL

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Application : SU21 Consumer product, PC35 Cleaning agent, PC0 Other, Pool and spa maintenance.

**1.3. Details of the supplier of the safety data sheet**

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

**1.4. Emergency telephone number**

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:  
NL - Telephone : +31 318 525 311 (During office hours only)  
EMERGENCY TELEPHONE NUMBER (for DOCTORS only):  
National Poisons Information Service +44-844 892 0111 (24/7)

**SECTION 2 HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

CLP classification : Not classified as dangerous according to Regulation (EC) No 1272/2008.  
(1272/2008/EC)  
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

**2.2. Label elements**

Label elements (1272/2008/EC):  
Hazard pictograms : None.  
Signal word : Not applicable.  
H- and P-phrases : None.  
Labelling of packagings where the contents do not exceed 125 ml:  
Hazard pictograms : None.  
Signal word : Not applicable.  
H- and P-phrases : None.  
Additional labelling (for all packaging sizes)  
: Keep out of reach of children.

**2.3. Other hazards**

Other information : Does not contain PBT or vPvB substances.

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Remark	REACH nr.
Sodium carbonate	1 - < 5	497-19-8	207-838-8		01-2119485498-19

Substance name	Hazard Class	H-phrases	Pictograms
Sodium carbonate	Eye Irrit. 2	H319	GHS07

Occupational exposure limit(s), if relevant, are listed in section 8.

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

**SECTION 4 FIRST-AID MEASURES**

**4.1. Description of first aid measures**

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.

**4.2. Most important symptoms and effects, both acute and delayed**

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.

**4.3. Indication of any immediate medical attention and special treatment needed**

Note to physicians : None known.

**SECTION 5 FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media**

Extinguishing media

- Suitable : Carbondioxide (CO2). Foam. Dry chemical. Water fog.
- Not suitable : None known.

**5.2. Special hazards arising from the substance or mixture**

- Special exposure hazards : None known.
- Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

**5.3. Advice for firefighters**

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.

**6.2. Environmental precautions**

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike.

**6.3. Methods and material for containment and cleaning up**

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.

**6.4. Reference to other sections**

Reference to other sections : See also section 8.

**SECTION 7 HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C).

Recommended packaging : Keep only in the original container.

Non recommended packaging : Steel (except stainless steel). PET and PETG.

**7.3. Specific end use(s)**

Use : Use only as directed. Do not mix with other products.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour (mg/m <sup>3</sup> )	STEL 15 min (mg/m <sup>3</sup> )	Comments
Sodium carbonate		1	3	

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term	DNEL, long-term

		Local effect	Systemic effect	Local effect	Systemic effect
Sodium carbonate	Inhalation			10 mg/m <sup>3</sup>	

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Sodium carbonate	Inhalation	10 mg/m <sup>3</sup>			

### 8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

#### 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.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	: Liquid.	
Colour	: Colourless.	
Odour	: Characteristic.	
Odour threshold	: Not known.	
pH	: 11,4	
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not known.	
Flash point	: Not applicable.	Does not contain combustible substances.
Flammability (solid, gas)	: Not applicable.	Liquid.
Auto ignition temperature	: Not applicable.	
Boiling point/boiling range	: 100 °C	
Melting point/melting range	: < 0	
Explosive properties	: None known.	Does not contain explosives.
Explosion limits (% in air)	: Not applicable.	
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: Not known.	
Viscosity (40°C)	: Not relevant.	The product contains < 10% substances having an aspiration hazard.
Vapour pressure (20°C)	: 2300 Pa	
Vapour density (20°C)	: 1	The solvent content of this product is less than 1%.
Relative density (20°C)	: 1 g/ml	
Evaporation rate	: < 1	(n-butyl acetate = 1)

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : See sub-sections below.

**10.2. Chemical stability**

Stability : Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Reactivity : No other hazardous reactions known.

**10.4. Conditions to avoid**

Conditions to avoid : See section 7.

**10.5. Incompatible materials**

Materials to avoid : No specific recommendations.

**10.6. Hazardous decomposition products**

Hazardous decomposition products : Not known.

**SECTION 11 TOXICOLOGICAL INFORMATION** \*

**11.1. Information on toxicological effects**

No toxicological research has been carried out on this product.

**Inhalation**

- Acute toxicity : Calculated LC50: 10 mg/l. Ingredients of unknown toxicity: < 1 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. No specific effects and/or symptoms are known.
- Corrosion/irritation : No specific effects and/or symptoms are known. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

**Skin contact**

- Acute toxicity : Calculated LD50: > 5000 mg/kg bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : No specific effects and/or symptoms are known. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain skin sensitisers. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

**Eye contact**

- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

**Ingestion**

- Acute toxicity : Calculated LD50: > 5000 mg/kg bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Aspiration : Not classified - based on available data, the classification criteria are not met. Does not contain substances with an aspiration hazard.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.

- Mutagenicity** : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
- Reprotoxicity** : Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

**SECTION 12 ECOLOGICAL INFORMATION**

**12.1. Toxicity**

No ecotoxicological research has been carried out on this product.

- Ecotoxicity** : Calculated LC50 (fish): 6666 mg/l, Calculated EC50 (waterflea): 11644 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

**12.2. Persistence and degradability**

- Persistence – degradability** : No specific information known.

**12.3. Bioaccumulative potential**

- Bioaccumulative potential** : No specific information known.

**12.4. Mobility in soil**

- Mobility** : If product enters soil, it will be highly mobile and may contaminate groundwater.

**12.5. Results of PBT and vPvB ass**

- PBT/vPvB assessment** : Does not contain PBT or vPvB substances.

**12.6. Other adverse effects**

- Other information** : Not applicable.

**SECTION 13 DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

- Product residues** : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.
- Additional warning** : None.
- Waste water discharge** : Do not dispose into the environment, in drains or in water courses.
- 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.

**SECTION 14 TRANSPORT INFORMATION**

**14.1. UN number**

- UN nr.** : None.

**14.2. UN proper shipping name**

- Transport name** : Not regulated.

**14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards**

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.  
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.

#### 14.6. Special precautions for user

Other information : Country specific variations may apply.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments.  
Packaged liquids are not considered bulk.

### SECTION 15 REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Community regulations : Regulation (EU) No 2015/830 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

#### 15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

### SECTION 16 OTHER INFORMATION

#### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2015/830 dated 28 May 2015 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 (\*).

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE : Acute Toxicity Estimate  
CLP : Classification, Labeling & Packaging  
CMR : Carcinogenic, Mutagenic or toxic for Reproduction  
EEC : European Economic Community  
GHS : Globally Harmonized System of Classification and Labelling of Chemicals  
IATA : International Air Transport Association  
IBC code : International Bulk Chemical Code  
IMDG : International Maritime Dangerous Goods Code  
LD50/LC50 : Lethal Dose/Concentration for 50% of a population  
MAC : Maximum Allowable Concentration  
MARPOL : International Convention for the Prevention of Pollution From Ships  
NO(A)EL : No Observed (Adverse) Effect Level  
OECD : Organisation for Economic Co-operation and Development  
PBT : Persistent, Bioaccumulative and Toxic  
PC : Chemical product category  
PT : Product type

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail  
STP : Sewage Treatment Plant  
SU : Sector of Use  
TWA/STEL : Time-Weighted Average/Short Term Exposure Limit  
UN : United Nations  
VOC : Volatile Organic Compounds  
vPvB : Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Not classified : Based on test methods, experts judgement, bridging principles and calculation methods.

Full text of hazard classes mentioned in section 3:

Eye Irrit. 2 : Eye irritation, category 2.

Full text of H-phrases mentioned in section 3:

H319 Causes serious eye irritation.

Number format : "," used as decimal separator.

End of safety data sheet