

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product name : AquaFinesse SpaClean
 Application : Cleaning agent.

Supplier : Special Water Europe BV
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2 HAZARDS IDENTIFICATION

Classification : Corrosive.

Human health hazards : Causes burns. Irritating to respiratory system.
 Physical/chemical hazards : Reacts vigorously in contact with acids. Strong heat development possible.
 Environmental hazards : Not classified as dangerous on the basis of statutory EC-Directives. See also section 12.
 Other information : Keep locked up and out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

3 COMPOSITION / INFORMATION ON INGREDIENTS

Product description : Preparation.

Information on hazardous substances:

EC-name	Concentration (w/w) (%)	CAS-number	EC-number	Symbol	R phrases
Sodium carbonate	30 – 50	497-19-8	207-838-8	Xi	36
Disodium metasilicate	20 – 30	6834-92-0	229-912-9	C	34-37

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

4 FIRST-AID MEASURES

Effects and symptoms

Inhalation : Corrosive. May cause sore throat, coughing and lack of breath.
 Skin contact : Corrosive. May cause redness, pain and burns (blisters).
 Eye contact : Corrosive. May cause redness and severe pain. Tears.
 Ingestion : Corrosive. May cause burning pain in throat and mouth. May also cause a feeling of sickness, vomiting, stomach-ache and diarrhoea.

First aid measures

Inhalation : Move victim into fresh air. Consult a doctor.
 Skin contact : Wash off skin with plenty of water and soap. Immediately take off contaminated clothing. Consult a doctor in case burns or irritation occur.
 Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor immediately.
 Ingestion : Do not induce vomiting. Do rinse the mouth. Drink 1 glass of water at most. Do not give milk. Never give anything by mouth to an unconscious person. Consult a doctor immediately.

5 FIRE-FIGHTING MEASURES

Extinguishing media
 Suitable : CO2, foam, water fog or dry chemical.
 Not suitable : None known
 Special exposure hazards : None known. Non flammable product.
 Hazardous thermal : Not applicable.
 (de)composition products
 Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Do not breathe dust. 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 and surface water and/or ground water. Large scale discharge causing a very high pH may impair the biological system in sewage plants. Inform the official bodies if necessary.
 Methods for cleaning up : Collect spilled material in containers. Dispose at an authorised waste collection point. Collect neutralized product in containers and dispose as chemical waste. Wash away remainder with plenty of water.

7 HANDLING AND STORAGE

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with eyes and skin. Wear protective industrial clothing.
 Storage : Keep frost-free, in a cool (< 35°), dry and well-ventilated place. Keep away from food, drink and animal feeding stuffs.
 Recommended packaging : Keep only in the original container.
 Use : Use only as directed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
 Hygienic measures : Do not eat, drink or smoke during use.
 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 : Wear protective industrial clothing. See also under additional information.
 Respiratory protection : Take care of sufficient ventilation In case of large scale exposure wear a filtermask class PI or higher in accordance with EN 149.
 Hand protection : Wear appropriate safety gloves. See also under additional information..
 Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166.

Additional information:
 Protective clothing : Wear PVC protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345
 Safety gloves : Wear PVC gloves in accordance with EN 374. Indication of permeation breakthrough time: not known (Disodium metasilicate and sodium carbonate)

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Tablet
 Colour : White
 Odour : Almost odourless
 pH : > 10 (10 g/l)
 Solubility in water : Soluble
 in fat : Not Soluble
 Partition coefficient (n-octanol/water) : Not known
 Flash point : Not applicable
 Auto ignition temperature : Not applicable
 Boiling point/ boiling range : Not applicable
 Melting point / melting range : Not applicable
 Explosive properties : Not applicable
 Oxidizing properties : Not applicable
 Decomposition temperature : Not applicable
 Viscosity (20°C) : Not applicable
 Vapour pressure (20°C) : Not known
 Relative density (20°C) : ± 1 kg/l
 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 : Avoid contact with acids.
 Hazardous decomposition products : Not known.

11 TOXICOLOGICAL INFORMATION

No toxicological research has been carried out on this product.
 Inhalation : Corrosive. May cause a sore throat, coughing and shortness of breath. Inhalation of powder may cause lack of breath (pulmonary oedema). Symptoms of pulmonary oedema often manifest after several hours.
 Skin contact : Corrosive. Causes burns.
 Eye contact : Corrosive. Danger of severe damage to the eyes.
 Ingestion : Ingestion may cause burning pain in throat and mouth. Ingestion may also cause stomach cramp, vomiting, nausea and diarrhoea.

Toxicological information:

Chemical name	Toxicity (mg/kg or mg/m ³)	Irritation	Sensitization
Disodium metasilicate	LD ₅₀ : 600 (rat, oral)	Corrosive (rabbit, skin)	Not sensitizing
Sodium carbonate	LD ₅₀ : 4090 (rat, oral)	Slight irritating (rabbit, skin)	
	LC ₅₀ : 2300 (rat, inh.)	Moderate irritating (rabbit, eye)	

12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.
 Ecotoxicity : No ecotoxicological information available.
 Mobility : Spilled product is unlikely to penetrate into the ground and and surface water.
 Persistence – degradability : Biodegradation not applicable.
 Bio accumulative potential : No specific information known. The product’s raw materials are not expected to cause bioaccumulation.

13 DISPOSAL CONSIDERATIONS

Product residues : Do not dispose empty pack with regular household waste. Treat product residues and non-empty pack as hazardous waste.
 European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.
 Comment : Attention is drawn to the possible existence of mandatory and regulatory communal, national or local requirements governing disposal of waste.

14 TRANSPORT INFORMATION

UN number : UN 3262
 Transport name : CORROSIVE SOLID BASIC INORGANIC, N.O.S. (Disodium Metasilicate)

Land (road / railway)
 ADR/RID class : 8
 Classification code : C6
 Packaging group : III



Sea
 IMDG class : 8
 Packaging group : III
 EmS (fire / spill) : F-A / S-B
 Marine pollutant : No

Air
 IATA class : 8

15 REGULATORY INFORMATION

Community regulations : EC classification (67/548/EEC - 99/45/EC) and other regulations

Hazard symbols : C, corrosive



R- and S-phrases : R34 Causes burns.
 R37 Irritating to respiratory system
 S1/2 Keep locked up and out of reach of children.
 S26 In case of contact with eyes rinse with plenty of water and seek medical advice immediately.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 S45 In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible).

Other information : According to directive 99/45/EC, the packaging of this product shall carry a tactile warning of danger and a child resistant closure.
 Contains disodium metasilicate.

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:

R34 Causes burns.
R36 Irritating to eyes.
R37 Irritating to respiratory system.

History

Date of first issue : 28-02-2009