

Material Safety Data Sheet

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Section 1: Identification of Substance/mixture and of the company undertaking

1.1: Product Identifier

Product Name AQUATAN 100

1.2: Relevant Identified use of substance/mixture and uses advised against

1.3: Details of the Supplier of the safety data sheet

Company Name: Aquatreat

Albany House
North Dock
Llanelli
Carmarthenshire
SA15 2LF

Telephone: 01554 775236

Fax: 01554 772253

E-mail: enquiries@aquatreat.co.uk

Website: www.aquatreat.co.uk

1.4: Emergency Telephone Numbers:

Emergency Telephone: 0333 333 9499

Section 2: Hazards Identification

2.1: Classification of substance/mixture according to Regulation (EC) No 1272/2008

Classification under CLP: H319 Causes serious eye irritation. 2

Additional Information:

2.2: Label Elements: Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Label elements under CLP: H319 Causes serious eye irritation

Signal Words:

Warning

Hazard Pictograms:



Precautionary Statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice

2.3: Other Hazards

Section 3: Composition information on hazardous ingredients

Modified Tannin Extract

EINECS	CAS No	Classification according to Regulation (EC) 1272:2008	Percent
285-077-0	85029-52-3	Irr : H319; Causes serious eye irritation	100

Section 4: First Aid Measures

4.1: Description of First Aid measures

- Skin Contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
- Eye Contact:** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
- Ingestion:** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
- Inhalation:** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

4.2: Most important symptoms and effects both acute and delayed

- Skin Contact:** Prolonged skin contact may cause redness and irritation.
- Eye Contact:** Irritation of eyes and mucous membranes.
- Ingestion:** may cause gastric disorders due astringency
- Inhalation:** Gastrointestinal complaints

4.3: Indication of any immediate medical treatment and special treatment required

No information available.

Section 5: Fire fighting measures

5.1: Extinguishing media

Water spray. Foam, carbon dioxide or dry powder.

Unsuitable Media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2: Special hazards arising from the substance/mixture

No information available.

5.3: Advice for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool containers exposed to flames with water until well after the fire is out.

Section 6: Accidental Release Measures

6.1: Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Wear suitable

protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with eyes. Avoid dust generation

6.2: Environmental precautions

Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

6.3: Methods and Materials for containment and clean up

Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Hold for waste disposal
Absorb spillage with sand or other inert absorbent

6.4: References to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

Section 7.0: Handling and Storage

7.1: Precautions for safe handling

Avoid spilling. Avoid contact with skin and eyes. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Do not breathe vapour/dust. Prevent formation of dust. Read and follow manufacturer's recommendations. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented

7.2: Conditions for safe storage.

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep container tightly closed

7.4: Specific End Use(s)

The identified uses for this product are detailed in Section 1.2.

Section 8: Exposure controls/Personal Protection

8.1: Control Parameters

No data available

8.2: Exposure Controls

Engineering Measures Ensure adequate ventilation especially in confined areas.

Respiratory Protection No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

Hand Protection Use protective gloves. Obtain the appropriate professional advice taking into account of the

conditions under which the glove is used. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374

Eye Protection The following protection should be worn: Chemical splash goggles. Safety glasses with side shields conforming to EN166

Skin Protection Wear chemical protective suit.

Section 9.0: Physical and Chemical Properties

9.1: Information on basic physical and chemical properties

State: Liquid

Colour: Dark Brown

Odour: Characteristic

Specific Gravity: 1.15

pH: 3.0 (10% Vol solution)

9.2: Other Information

Section 10: Stability and Reactivity

10.1: Reactivity

no information available

10.2: Chemical Stability

Stable at normal ambient temperatures and when used as recommended.

10.3: Possibility of Hazardous Reactions

Decomposes to form CO, CO₂, NH₃, NOX

10.4: Conditions to Avoid

Extremes of temperature

10.5: Incompatible Materials

Strong bases, sodium hypochlorite

10.6: Hazardous Decomposition Products

Decomposes to form CO, CO₂, NH₃, NOX

Section 11: Toxicological Information

Acute Toxicity

Dermal	Rat	LD50	2000 mg/kg - LC50 (96hr) Pimephales promelas = 49800 mg/l OECD 402 Acute Dermal Toxicity/EU Method B3 (Acute Toxicity Dermal) 2012 at 100% powder concentration
Oral	Rat	LD50	2000 mg/kg -OECD 420 2006 at 100% powder concentration

Section 12: Ecological Information

12.1: Toxicity

Primary irritation(skin and eyes) Low. Toxicity Low
Acute toxicity - fish LC50 (96hr) Pimephales promelas = 49800 mg/l
LC50, 72 hours: 67.1 mg/l, Pimephales promelas (Fat-head Minnow)
LC50, 48 hours: 198ppm , Pimephales promelas (Fat-head Minnow)
OECD203
2006
at 100% concentration (powder)
NBR 15088/2004
2006
at 100% concentration (powder)
Acute toxicity - aquatic
invertebrates
EC₅₀, 48 hours: 13.2 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 7.4 mg/l,
LC50 (96hr) Pimephales promelas = 49800 mg/l, 96 hours: 12.77ppm , Freshwater
algae
Skeletonema costatum
ISO 10253 2001
at 100% concentration (powder)
EPA/ 821-R-02-013
at 100% concentration (powder)
Not hazardous

12.2: Persistence and Biodegradable

Water - Degradation (%) : days
OECD 301B
at 100% concentration (powder)
Water - Degradation (%) 100%: 28 days
OECD 301D
at 100% concentration (powder)

12.3: Bioaccumulative Potential

log Pow: ca.0.3 25degC HPLC OECD 117 at 100% concentration (powder)

12.4: Mobility in Soil

No data available

12.5: Results of PBT and vPvB Assessment

No data available

12.6: Other adverse effects

Section 13: Disposal Information

Dispose of via an authorised waste contractor in accordance with local and national regulations.

Section 14: Transport Information

UN Number

Shipping Name

Transport Class

Not classified as hazardous for transport No transport warning sign required.

Packing Group			
Environment Hazard			
Special Precautions			
Tunnel Code		Transport Category	

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Section 15: Regulatory Information

15.1: Safety, Health and Environmental regulations/legislation specific for the substance/mixture

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2: Chemical safety assessment

A chemical safety assessment has been carried out.

Section 16: Other information

The above information is based on our present knowledge of the product at the time of publication. It is given in good faith, no warranty is implied as to the quality or specification of the product. Information contained in this data does not constitute an assessment of workplace risks. The user must satisfy himself that the product is entirely suitable for their purpose