

Material Safety Data Sheet (MSDS) / (SDS)

Aquatic Barley Straw Extract For Ponds & Dams Material Safety Data Sheet

Aquatic Technologies
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Non-hazardous according to the criteria of NOHSC Australia.

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	AQUATIC BARLEY STRAW EXTRACT for PONDS
Recommended Use:	For the control of new algae growth in water bodies
Supplier:	Aquatic Technologies, 41 Yazaki Way, Carrum Downs, Vic., 3201
UN No.	None allocated
Packing Group	not applicable
Proper Shipping Name	not applicable
Hazchem Code	none allocated
Dangerous Goods Class	none allocated
Poisons Schedule	none allocated
Subsidiary Risk	none allocated

FOR CHEMICAL EMERGENCY CALL NATIONAL POISONS INFORMATION CENTRE: 13 11 26

Section 2 - HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC Australia.

ACUTE HEALTH EFFECTS

Route of entry	Eye, skin, and ingestion
Ingestion	Swallowing the product in large quantities may cause gastric disturbances
Eye contact	May cause irritation
Skin contact	Prolonged contact may cause irritation to the skin. However it is unlikely to cause any more than mild transient discomfort.
Inhalation	Will not occur
Aggravated by Exposure	May cause infection if in contact with open wounds

CHRONIC None known

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS No	Proportion %	PEL/TLV
Water	7732-18-5	>30 - 70%	not set
Extract of Barley Straw	Proprietary	<30 - 70%	not set

This is a commercial product which exact ratio of components may vary. Trace quantities of impurities are also likely.

Section 4 - FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131126 from anywhere in Australia.

Swallowed	Do not induce vomiting. Dilute by drinking water or milk. If vomiting occurs spontaneously, administer more liquids and keep head below hips to prevent aspiration of liquid into the lungs. Never give fluids or induce vomiting if patient is unconscious. Seek medical advice.
Eyes	If product gets in eyes, wash material from them with running water for 15 minutes, ensuring eyelids are held open. If irritation persists seek medical advice.
Skin	Wash contaminated skin immediately with soap and water. Remove contaminated clothing and wash before re-use. If irritation persists seek medical advice.
Inhalation	Move victim to fresh air. Seek medical advice if any irritation persists for more than 30 minutes.
First Aid Facilities	Eye wash fountain, safety shower and normal washroom facilities.
Advice to Doctor	Treat symptomatically, observe for signs of sensitisation, and treat appropriately if evident.

Section 5 - FIRE FIGHTING MEASURES

Flash Point	Not flammable
Explosive Hazard	There is no risk of explosion from this product.
Extinguishing Media	None

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Section 6 - ACCIDENTAL RELEASE MEASURES

Small Spill	Soak up with absorbent material and transfer into suitable container
Large Spill sewerage,	Wear appropriate personal protective equipment. Contain spill and pump into suitable disposal container. If spillage enters waterways or notify appropriate government agencies. Flush and scrub area with detergent and remove residue to prevent slipperiness.
Waste Disposal	If disposed as shipped is not hazardous waste as specified in 40 CFR 261. Consult state and local officials for proper disposal methods. Observe all local, state and federal regulations.

Section 7 - HANDLING & STORAGE

Handling Precautions	Handle with due care and avoid personal contact. Since emptied containers retain product residues (vapours, liquid and/or solids), all hazard precautions given in this MSDS must be observed.
Storage Requirements	Store at normal temperatures and conditions of warehousing. Keep container closed when not in use. Avoid allowing product to freeze.

Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Local ventilation recommended.	Mechanical ventilation may be used
Protective Equipment	Respiratory Protection	not normally required
	Protective Gloves	rubber or neoprene gloves
	Eye Protection	chemical safety glasses
	Other	Good housekeeping practices should include making sure all containers are kept closed and properly stored. Properly maintain an eyewash station in the work area.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown coloured liquid	Boiling Point	99°C
Physical State	Liquid	Freezing/Melting Point	0°C
Odour	Mild	Solubility (water)	99%
Vapour Pressure	Equivalent to water	Vapour Density	Equivalent to water

Section 10 - STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to avoid	Strong acids or alkali may oxidize or digest organic matter
Materials to avoid	Strong acids or alkali compounds
Hazardous Decomposition Products	N/A
Hazardous Polymerization	Will not occur. This is a non-toxic, non-pathogenic liquid extract of barley

Section 11 - TOXICOLOGICAL INFORMATION

This is a non-toxic, non-pathogenic liquid extract of barley

Section 12 - ECOLOGICAL INFORMATION

This is a non-toxic, non-pathogenic liquid extract of barley

Section 13 - DISPOSAL CONSIDERATIONS

All recovered materials should be packaged, labelled, transported and disposed or reclaimed in conformance with applicable laws and regulations.

Section 14 - TRANSPORTATION INFORMATION

Shipping Name	AQUATIC BARLEY STRAW EXTRACT for PONDS
Hazard Class	not applicable
Packaging Group	none allocated

Section 15 - REGULATORY INFORMATION

SARA 311/312 (Hazard Class – 40 CFR 370.2)	none
SARA 313 (Components – 40 CFR 372.65)	none
SARA 302 (Extremely Hazardous Substances)	none
CERCLA RQ	none
VOC	none

Section 16 - OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.