

Material Safety Data Sheet

AQUATIC FREE FLOATING WEED CONTROL Material Safety Data Sheet

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page 1 of 2

Not hazardous according to the criteria of NOHSC Australia.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	AQUATIC FREE FLOATING WEED CONTROL
Recommended Use:	Supplied as a citrus based solution for the control of Salvini, Red Azolla, Azolla, Duck Weed and Lemnia in ponds and other suitable applications only.
Supplier:	Aquatic Technologies
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

2. HAZARDS IDENTIFICATION

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

ACUTE HEALTH EFFECTS

Route of entry	Eye, skin, ingestion, inhalation
Ingestion	Swallowing the product may cause gastric disturbances
Eye contact	May cause irritation and sensitisation.
Skin contact	May cause irritation to the skin. However it is unlikely to cause any more than mild transient discomfort. It is unlikely to cause any long term effects.
Inhalation	Mild respiratory tract irritation may occur with exposure to a large amount of material.
CHRONIC	Prolonged or repeated skin contact may cause dermatitis due to defatting effect.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS	Proportion %	PEL/TLV
Ether sulfate derivatives	Mixture	0-30%	not set
Organic sulfur compounds	Mixture	0-30%	not set
Aliphatic alkanol derivatives	Mixture	0 -30%	not set
Orange oil	5989-27-5	0-30%	not set
Ingredients determined not to be hazardous	Mixture	To 100%	not set

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

4. FIRST AID MEASURES

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

Swallowed	Give water to drink. DO NOT induce vomiting. 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.

5. FIRE FIGHTING MEASURES

Flash Point	Not flammable
Special Fire Fighting procedures	Product residue, following evaporation of liquid content will burn in the presence of an ignition source. If a significant quantity of this product is involved in a fire, call the fire-brigade. When fighting fires involving significant quantities of this product, wear self contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition, wear safety boots, non-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered. Use water spray to cool exposed containers.
Explosive Hazard	There is no risk of explosion from this product.

6. ACCIDENTAL RELEASE MEASURES

Small Spill	Soak up with absorbent material and transfer into suitable container
Large Spill	Wear appropriate personal protective equipment. Contain spill and pump into suitable disposal container. If spillage enters waterways or sewerage, notify appropriate government agencies. Flush and scrub area with water 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.

7. HANDLING & STORAGE

Handling Precautions	Handle with due care and avoid personal contact. Since emptied containers retain product residues (vapors, 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.

MATERIAL SAFETY DATA SHEET

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow / orange coloured liquid	Boiling Point	95°C
Physical State	Liquid	Freezing/Melting Point	0°C
Odour	Citrus	Solubility (water)	Soluble
Vapor Pressure	2kPa @ 20°C	Density	1.0 kg/L @ 15°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to avoid	None known
Materials to avoid	Strong oxidising agents
Hazardous Decomposition Products	None under normal use conditions

11. TOXICOLOGICAL INFORMATION

The product has not been tested. This statement is derived from extrapolation of individual ingredient data.

LD50 (oral/rat)	>2000mg/kg
Primary skin irritation (rabbit/OECD 404)	R43 May cause sensitization by skin contact
Primary eye irritation (rabbit/OECD 405)	R36 Irritating to eyes
Safety Statement	S2 Keep out of reach of children S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S3/9/49 Keep only in the original container in cool, well ventilated place. S37/39 wear suitable gloves and eye / face protection.

12. ECOLOGICAL INFORMATION

Do not allow product to enter drains.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

DOT INFORMATION – 40 CFR 261	
Shipping Name	Aquatic Free Floating Weed Control
Hazard Class	not applicable
Packaging Group	none allocated

15. 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.