

Material Safety Data Sheet (MSDS) / (SDS)

AQUATIC BLUE ECO Safety Data Sheet

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Not hazardous according to the criteria of NOHSC Australia.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	AQAUTIC BLUE
Recommended Use:	Colouring agent for water bodies
Supplier:	Aquatic Technologies
Harmonized Commodity Coding Systems	HS Code 3203.00.00
Packing Group	not applicable
Proper Shipping Name	not applicable
Hazchem Code	none allocated
Dangerous Goods Class	none allocated. Inert Water Treatment.
Poisons Schedule	none allocated
Subsidiary Risk	none allocated

FOR CHEMICAL EMERGENCY CALL NATIONAL POISONS INFORMATION CENTRE: 13 11 26 (Australia Only).

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
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	None known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS No	Proportion %	PEL/TLV
Water	7732-18-5	40 - 60%	not set
Acid Blue 9 (C.I. 42090)	3844-45-9	40 - 60%	not set
Food Yellow 4 (C.I. 19140)	1934-21-0	0 - 5%	not set
Polydimethylsiloxane	none allocated	0 - 5%	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	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.

5. FIRE FIGHTING MEASURES

Flash Point	Not flammable
Flash Point Method	TCC
Extinguishing Media	carbon dioxide, dry chemical, foam, water fog.
Special Fire Fighting procedures	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 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.

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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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Local ventilation recommended. Mechanical ventilation may be used	
Protective Equipment	Respiratory Protection Protective Gloves Eye Protection Other	not normally required rubber or neoprene gloves chemical safety glasses 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	Blue coloured liquid	Boiling Point	95°C
Physical State	Liquid	Freezing/Melting Point	0°C
Odour	Mild	Solubility (water)	complete
Vapor Pressure	not determined	Vapor Density	not determined

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to avoid	None known
Materials to avoid	Strong oxidisers and alkalis
Hazardous Decomposition Products	None under normal use conditions
Hazardous Polymerisation	Will not occur

11. TOXICOLOGICAL INFORMATION

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

LD50 (oral/rat)	>5000mg/kg
Primary skin irritation (rabbit/OECD 404)	non irritant
Primary eye irritation (rabbit/OECD 405)	non irritant

12. ECOLOGICAL INFORMATION

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

Toxicity to daphnids :	EC50 (acute/dyestuff, 48hr)	100mg/l0 (Daphnia magna)
Toxicity to bacteria:	EC10 (dyestuff)	>10000mg/l
Toxicity to fish:	LC50 (96 hr)	220 - 460 mg/l (Leuciscus idus)
	LC50 (96 hr)	>1000mg/l (Oncorhynchus mykiss)
	LCo (48hr)	>100mg/l (Leuciscus idus)

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Elimination information (static test, photometry) <10%

All components in this product are listed on the Australian Inventory of Chemical Substances (AICS).

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 Blue
Hazard Class	not applicable
Packaging Group	none allocated

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

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.