

# SDS (Safety Data Sheet) / MSDS (Material Safety Data Sheet)

## CLEAR DAM Safety Data Sheet /MSDS

**Aquatic Technologies**  
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**Not hazardous according to the criteria of NOHSC Australia.**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	<b>AQUATIC CLEAR DAM</b>
<b>Recommended Use:</b>	For the removal of suspended particles in water bodies.
<b>Supplier:</b>	Aquatic Technologies, PO Box 295, Seaford VIC 3198.
<b>UN No.</b>	none allocated
<b>Packing Group</b>	not applicable
<b>Proper Shipping Name</b>	not applicable
<b>Hazchem Code</b>	none allocated
<b>Dangerous Goods Class</b>	none allocated
<b>Poisons Schedule</b>	none allocated
<b>Subsidiary Risk</b>	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**

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

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS No	Proportion %	PEL/TLV
Water	7732-18-5	50 - 70 %	not set
Polyaluminium Chloride	Proprietary	30 - 50%	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.

<b>Swallowed</b>	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.
<b>Eyes</b>	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.
<b>Skin</b>	Wash contaminated skin immediately with soap and water. Remove contaminated clothing and wash before re-use. If irritation persists seek medical advice.
<b>Inhalation</b>	Move victim to fresh air. Seek medical advice if any irritation persists for more than 30 minutes.
<b>First Aid Facilities</b>	Eye wash fountain, safety shower and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically, observe for signs of sensitisation, and treat appropriately if evident.

### 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	Not flammable. In a fire Clear Dam will decompose to produce HCl gas.
<b>Explosive Hazard</b>	There is no risk of explosion from this product.
<b>Extinguishing Media</b>	None

### 6. ACCIDENTAL RELEASE MEASURES

<b>Small Spill</b>	Soak up with absorbent material and transfer into suitable container
<b>Large Spill</b>	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.
<b>Waste Disposal</b>	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

<b>Handling Precautions</b>	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.
<b>Storage Requirements</b>	Store at normal temperatures and conditions of warehousing. Keep container closed when not in use. Avoid allowing product to freeze.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	Local ventilation recommended.	Mechanical ventilation may be used
<b>Protective Equipment</b>	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

<b>Appearance</b>	Clear Liquid	<b>Boiling Point</b>	<100°C
<b>Physical State</b>	Liquid	<b>Freezing/Melting Point</b>	<0°C
<b>Odour</b>	Mild	<b>Solubility (water)</b>	99%
<b>Vapor Pressure</b>	Equivalent to water	<b>Vapor Density</b>	Equivalent to water

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Sodium Hydroxide and other Alkali will form a thick slippery paste.
<b>Materials to avoid</b>	Sodium Hydroxide and other Alkali
<b>Hazardous Decomposition Products</b>	N/A
<b>Hazardious Polymerization</b>	Will not occur. This is a non-toxic, nonpathogenic liquid.

## 11. TOXICOLOGICAL INFORMATION

The product is non toxic. Repeated ingestion of this material may cause phosphate deficiency which may weaken bones.

## 12. ECOLOGICAL INFORMATION

This is a non-toxic, nonpathogenic liquid.

## 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

<b>Shipping Name</b>	AQUATIC CLEAR DAM
<b>Hazard Class</b>	not applicable
<b>Packaging Group</b>	none allocated

## 15. REGULATORY INFORMATION

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

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