

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Nature:	Aluminium Chloride		
Trade Name:	AQUATIC CLEAR DAM		
SUPPLIER:	Aquatic Technologies		
ADDRESS:	41 Yazaki Way Carrum Downs VIC 3201, Australia		
TELEPHONE	+61 3 9071 2442	FAX:	
Substance:	Liquid	Product Use:	For the removal of suspended particles in water bodies
This version issued:	December 2019	Up for revision:	December 2024
In case of Emergency:	13 11 26 – Poisons Information Centre		

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
<ul style="list-style-type: none"> This product is classified as NON-HAZARDOUS according to the criteria of NOHSC Australia The product is classified as NON-HAZARDOUS according to GHS This product is classified as NON-HAZARDOUS according to the criteria of Safe Work Australia 	
GHS – GLOBALLY HARMONISED SYSTEM	
GHS Classification	Not applicable
GHS Pictogram	Not applicable
GHS Signal Word	Not applicable
Hazard Statement(s)	
Not applicable	
Precautionary Statement(s)	
While this material is not classified as hazardous, this SDS contains valuable information relating to safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product. Exposure to any chemical should be kept to a minimum. Skin or eye contact may result in irritation. Always follow safe industrial hygiene practices and wear proper personal protective clothing and equipment when handling chemicals.	
Acute Health Effects may include:	
Ingestion:	Swallowing the product in large quantities may cause gastric disturbances.
Eye Contact:	May cause irritation. Rinse with water 15 minutes. If symptoms persist, seek medical attention.
Skin Contact:	Prolonged contact may cause irritation to the skin. However, it is unlikely to cause any more than mild transient discomfort. Wash.
Inhalation:	Will not occur.
EMERGENCY OVERVIEW	
Colour:	Clear
Odour:	Mild
Physical Description:	Liquid
Major Health Hazards:	None known

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:	PEL/TLV
Water	7732-18-5	50%-70%	not set
Aluminium Chloride	Proprietary	30-50%	not set
NOTE:	This is a commercial product which extract ratio of components may vary. Trace quantities of impurities are also likely.		

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons: Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).

First Aid Facilities: Ensure there is access to eye washes and safety showers.

Inhalation: Move victim to fresh air. Obtain medical attention if symptoms occur.

Skin Contact: Wash skin with plenty of water. Seek medical advice (e.g. doctor) if irritation persists for more than 30 minutes.

Eye Contact: 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.

Ingestion: 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.

Advice to Doctor: Treat symptomatically. Observe signs of sensitisation and treat appropriately if evident.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	There is no risk of explosion from this product
Extinguishing Media:	None
Flash point:	Not flammable. In a fire Clear Dam will decompose to produce HCl gas




SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	<ul style="list-style-type: none"> • Avoid contact with skin and eyes • Wear PPE • Ensure adequate ventilation
Environmental Precautions:	Do not allow product to enter sewers
Clean up methods:	Small spill – soak up with absorbent material and transfer into suitable container Large spill – wear appropriate PPE. Contain spill and pump into suitable disposal container. If spillage enters waterways, 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 AND STORAGE

Handling:	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 SDS must be observed.
Storage:	Store at normal temperatures and conditions of warehousing. Keep container closed when not in use. Avoid allowing product to freeze.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**PERSONAL PROTECTION EQUIPMENT (PPE)**

Ventilation:		Local ventilation recommended. Mechanical ventilation may be used
Eye Protection:		Chemical safety glasses
Skin Protection:		Not normally required. Rubber or neoprene gloves
Protective Material Types:		Rubber, Neoprene
Respirator:		Not normally required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Colour:	Clear liquid
Odour:	Mild
Boiling Point:	<100°C
Freezing / Melting Point:	<0°C
Vapour Pressure:	Equivalent to water
Vapour Density:	Equivalent to water
Water Solubility:	99%
pH:	Not available
Flammable Limits:	Not available
Viscosity:	Not available
Evaporation Rate:	Not available

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to Avoid:	Sodium Hydroxide and other Alkali will form a thick slippery paste
Incompatibilities:	Sodium Hydroxide and other Alkali
Hazardous Decomposition Products:	Not applicable
Hazardous Reactions:	Will not occur. This is a non-toxic, nonpathogenic liquid

SECTION 11 – TOXICOLOGICAL INFORMATION

This is a non-toxic, non-pathogenic liquid

SECTION 12 – ECOLOGICAL INFORMATION

This is a non-toxic, non-pathogenic liquid

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 – TRANSPORT INFORMATION

Shipping Name: AQUATIC CLEAR DAM
Hazard Class: Not applicable
Packaging Group: None allocated

SECTION 15 – REGULATORY INFORMATION

Labeling Details	
GHS Classification	NON-HAZARDOUS
CERCLA RQ	Nil
VOC	Nil
SARA 311/312 (Hazard Class – 40 CFR 370.2)	Nil
SARA 313 (Hazard Class – 40 CFR 372.65)	Nil
SARA 313 (Extremely Hazardous Substances)	Nil

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature

Date of Last Revision

AT229 - v1.1 - 07.03.17

Acronyms

CAS number	Chemical Abstracts Service Registry Number
CERCLA (RQ)	Comprehensive Environmental Response, Compensation, and Liability Act (Reportable Quantity)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
PEL/TLV	Permissible Exposure Limit / Threshold Limit Value
VOC	Volatile Organic Compounds

THIS SDS 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 MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS 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.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

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END OF SDS