

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Aqua~Health Supa-Floc
Other Names:
Manufacturers' Code: 34784
Pack Size: 1 Litre
Recommended Use: As a flocculant in swimming pools and spas
Supplier's Details: Waterco Limited
 36 South Street
 Rydalmere, NSW 2116
 Ph: (02) 9898 8600
Emergency Phone Number: Business hours only (02) 9898 8682
 General Information

24 Hour Emergency Number:

Australia: Poisons Information Centre Australia Wide
Ph 13 1126
New Zealand: Poisons INFORMATION CENTRE
0800 POISON (0800 764 766)

SECTION 2 - HAZARD IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

Not classified as a hazardous substance according to the criteria of the National Occupational Health and Safety Commission.

UN Number: None Allocated
Dangerous Goods Class: None Allocated
Packing Group: None Allocated
Hazchem Code: None Allocated
Risk Phrases: None
Safety Phrases: None

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity†	Synonyms	CAS Number	Concentration
Poly aluminium Chloride		1327-41-9	10 – 30%

† Where they are present in this product and other ingredients of this material are not hazardous, as defined by either inclusion in the *List of Designated Hazardous Substance* or classified in accordance with the *Approved Criteria for Defining a Hazardous Substance*, and published by the National Occupational Health and Safety Commission/AGPS, 1999

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SECTION 4 - FIRST AID MEASURES

First Aid: Take a copy of this MSDS to medical advisers if signs or symptoms of overexposure occur and medical attention is required.

Swallowed: Give a glass of water. DO NOT induce vomiting. **Seek advice immediately from a medical practitioner of Poisons Information Centre.**

Skin: Thoroughly wash exposed skin with plenty of soap and water. Seek medical advice if skin irritation occurs.

Eye: If contact occurs, or if eye irritation arises, hold eyelid(s) open and flush the eye(s) with fresh lukewarm water (or, if available, other eye cleansing solutions) for at least 15 minutes. Take care not to rinse contaminated water into the non-affected eye. **Seek medical advice immediately for all eye contact.**

Inhaled: Remove affected individual from exposure to fresh air. Keep individual warm and comfortable. Seek medical advice if respiratory symptoms occur.

First Aid Facilities: Eye wash.

Advice to Doctor: No specific treatment recommended.

Medical Conditions that may be aggravated by Exposure: None known.

SECTION 5 - FIRE FIGHTING MEASURES

Hazchem Code: Not allocated.

Extinguishers: Use an extinguisher commensurate with the fire risks of other materials in the fire.

Fire Fighting Precautions: Fire fighters must wear full protection.

Combustion Products: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Clean up spills promptly. Spills should be contained, and the possibility of collection for re-use evaluated. If this is not possible, wear personal protective equipment as specified below and flush small spills away with plenty of water. For large spills, apply absorbent material such as sand, earth, sawdust or vermiculite and collect large spills together for collection into a leak proof container for disposal. Wash down the area of spill with plenty of water to remove any remaining residues.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep out of the reach of children. Do not eat, drink or smoke while handling the product. Do not swallow. Avoid contact with the eyes. See below for specific advice on controls and precautions.

Storage: The product is not a dangerous good. Minimal conditions include storage in a cool, dry, ventilated store away from sunlight and extremes of heat. Containers should be kept upright, closed and airtight when not in use.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: No ingredients in this product have exposure standards, as outlined in the standard *Exposure Standards for Atmospheric Contaminants in the Occupational Environment* third edition, published by the National Occupational Health and Safety Commission/AGPS, 1995. However, an exposure standard exists for the decomposition product:

Ingredient:

Note: TWA – Time Weighted Average over an eight hour shift.

Engineering Controls: None required in normal use. Adequate ventilation may be required in confined spaces.

Personal Protective Equipment: All personal protective equipment should be selected, used, maintained and decontaminated in accordance with manufacturers' instructions and applicable standards.

Clothing: Overalls and boots should be worn as a general requirement.

Skin Protection: Not normally required. If required, use impervious gloves (of any type). Such skin protection should comply with Australian Standards AS 2161.

Eye Protection: Eye protection should be used where splashing of solutions or large amounts of mist may be generated. Face-shield, chemical goggles or safety glasses with side shields are suitable. Such eye protection should comply with Australian Standards AS 1336/1337.

Respiratory Protection: Respiratory protection is not normally required, except where the production of mists is significant. In such cases, a suitable respirator, such as an approved particulate mask should be used. The selection, use and maintenance of such respiratory protection should comply with Australian Standards AS 1517/1716.

Personal Hygiene: Always wash hands after using this product. Always wash hands before eating, drinking, smoking or using the toilet. Remove and wash contaminated clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour:	Cloudy liquid
pH:	3.0 undiluted
Vapour Pressure:	Not known
Vapour Density:	Not known
Boiling Point/Range:	Above 100°C
Freezing/Melting Point:	About 0 °C
Solubility in Water:	Miscible in all proportions
Specific Gravity/Density:	1.11 – 1.13
Flash Point:	Non flammable
Lower Flammability Limit:	Non flammable
Upper Flammability Limit:	Non flammable
Ignition Temperature:	Not applicable

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SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Extremes of temperature
Incompatible Material:	None known
Hazardous Reactions:	None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Exposure: Considered a low hazard product by all routes of exposure.

Acute Effects:

Swallowed: Nauseating. May cause inflammation of the mouth, throat and gastro-intestinal tract.

Skin: May cause skin irritation on prolonged contact.

Eye: May cause eye irritation.

Inhaled: Not considered a major risk.

Chronic Effects: Prolonged contact may cause a skin reaction.

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information available

SECTION 13 - DISPOSAL CONSIDERATIONS

This product, along with its containers, can be disposed as a domestic waste in accordance with local regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number:	None Allocated
Dangerous Goods Class:	None Allocated
Packing Group:	None Allocated
Hazchem Code:	None Allocated
Special Precaution to User:	The product is not a dangerous good. No specific transport requirements apply.

SECTION 15 - REGULATORY INFORMATION

Poisons Schedule: Not scheduled

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Product: Poly aluminium Chloride (CAS: 1327-41-9) is found in the following regulatory lists:

High Volume Industrial Chemicals List (HVICL)

International Programme on Chemical Safety (IPCS) – EHC

International Council of chemical Associations (ICCA) – High Production Volume List

SECTION 16 - OTHER INFORMATION

Worker Training: As a minimum all workers using this product should be shown a copy of this MSDS before first use.

Date of Preparation of this MSDS: June, 2007

Revised: December 2015

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

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially fire fighters
IARC	International Agency for Research on Cancer
ASCC	Office of the Australian Safety and Compensation Council
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

This material safety data sheet (MSDS):

1. Is produced by Waterco Ltd for use in Australia, and is based on information supplied to Waterco Ltd by our suppliers.
2. 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,
3. Has been formatted to MSDS format accepted by the National Occupational Health and Safety Commission for use in Australia.
4. Has been produced following the principles and recommendation outline in the *National Code of Practice for the Preparation of Material Safety Data Sheet* published by the National Occupational Health and Safety Commission/AGPS, Canberra, 2003.

Each user must review this MSDS 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 appropriated risk assessment can be made, the user should contact Waterco Ltd.

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If this MSDS is a copy, or more than five years old, contact Waterco Ltd for a new one.