



Safety Data Sheet

Liquifloc

BioGuard

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1 IDENTIFICATION OF CHEMICAL

Product Name: Liquid Flocc
Chemical name: Polyaluminium Chloride
Other names: --

2 COMPOSITION

Ingredients:	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Aluminium chloride	<20	7446-70-0	013-003-00-7	231-208-1	R34, S27/8,28,45

3 HAZARD IDENTIFICATION

Irritant: Causes eye, skin and respiratory irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed.

4 FIRST AID MEASURES

Skin Contact: Wash with cold water for a minimum of 15 minutes. If skin irritation persists, seek medical attention.

Eye contact: Flush eyes with cold flowing water for at least 20 minutes. Seek medical attention immediately.

Ingestion: Drink large quantities of water. **DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Seek medical attention

Inhalation: Remove person to fresh air and seek medical attention. If breathing difficulties, allow trained person to administer oxygen. Give artificial respiration if breathing has stopped.

Note: When seeking medical attention, always show the product label.

5 FIRE FIGHTING MEASURES

Flammability: Not applicable

Suitable extinguishers: Water fog

Hazardous combustion products are: No unusual decomposition products or fire hazards

6 ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment as detailed in section 8.

Spillages and Leaks:

Contain and absorb the spillage in inert material such as sand. Sweep up the spill and place in clean, dry plastic containers including any contaminated soil. Dispose of product in accordance with relevant local and national waste disposal legislation.

7 HANDLING AND STORAGE

Handling: Mix only with water. Always add small quantities of product to water. **DO NOT** add water to product. Exothermic reaction. Ensure all dispensing devices are clean and free from other chemicals.

Storage: Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of reach of children.

Avoid contact with: **DO NOT MIX WITH OTHER PRODUCTS OR CHEMICALS.**

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	8hr TWA		15min STEL		Authority
	ppm	mg/m ³	ppm	mg/m ³	

Aluminium Chloride	not listed			
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General: General room ventilation plus local exhaust should be used to minimise exposure to vapour. Remove and wash contaminated clothing before reuse.

PPE Respiratory: Use respiratory protection for general vapour inhalation protection.

Skin: Wear rubber gloves when handling this product. Avoid contact with skin.

Eyes: Wear goggles or safety glasses with side shields when handling this product

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odour:	Odourless
Appearance:	Clear
Colour:	Green
Solubility in Water:	Miscible with water
Specific Gravity:	1.03 gm/ml
PH:	3.0-3.5

10 STABILITY AND REACTIVITY

Conditions to avoid: High temperature. Poor ventilation. Contamination.

Stability: This product is stable under normal conditions.

Incompatible materials: Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds.

11 TOXICOLOGICAL INFORMATION

This product is an eye and skin irritant.
This product is not listed as a carcinogen

12 ECOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms.
Keep product from entering waterways and watersheds.

13 DISPOSAL CONSIDERATIONS

Disposal Method: **DO NOT** put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to local and national legislation.

Empty Containers: **DO NOT** re-use container. Rinse thoroughly before discarding.

14 TRANSPORT INFORMATION

UN No: 2581
Primary Hazard: Corrosive
Packing Group: III
Hazard ID No: 80
Class: 8
EAC: 2X

15 REGULATORY INFORMATION

(Not on approved supply list)

Product name: Liquid Flocc
Hazard symbol: Irritant
Risk Phrases: R36/38 Irritating to eyes, respiratory system and skin.
Safety Phrases: S1/2 Keep locked up and out of reach of children.
S24/25 Avoid contact with skin and eyes
S37/39 Wear suitable gloves and eye/face protection.

16 OTHER INFORMATION

Recommended uses and restrictions. No further information

Further information sources.

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40, ACIGH tables.

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.
