

Revision Date 05-Jan-2021

Version 5

SECTION 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product identifier

Product Name Power Floc Maxi

Product Code 20023250

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended Use Swimming pool clarifier and flocculant

Uses advised against No information available

Details of manufacturer or importer

Supplier

BIOLAB AUSTRALIA PTY LTD
1 Susan Street
Hindmarsh SA 5007
AUSTRALIA
PHONE: (AU) 1800 635 743

For further information, please contact

Contact Point Customer Service: 1800 635 743 (AU)

Emergency telephone number

Emergency telephone number In an Emergency: Dial 000 (AU)
For SPECIALIST advice in an EMERGENCY ONLY phone CHEMCALL - FREE CALL ALL
HOURS: AU 1800 127 406

SECTION 2: HAZARD(S) IDENTIFICATION

Not classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

GHS Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Label elements

Hazard statements

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Other hazards

No information available

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS, IN ACCORDANCE WITH SCHEDULE 8

Substance

Chemical Name	CAS No	Weight-%
aluminum chloride, basic (50% solution in water)	1327-41-9	<10

Non-hazardous ingredients

Proprietary

Balance

Section 4: FIRST AID MEASURES**Description of first aid measures**

Inhalation	First Aid is generally not required. If in doubt, contact a Poisons Information centre or a doctor.
Skin contact	If skin irritation persists, call a doctor. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
Eye contact	Quickly and gently blot or brush product away. Rinse thoroughly with plenty of water, also under the eyelids. Seek immediate medical attention/advice.
Ingestion	First Aid is generally not required. If in doubt, contact a Poisons Information centre or a doctor.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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SECTION 5: FIREFIGHTING MEASURES**Suitable Extinguishing Media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical

Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Special protective actions for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Use personal protective equipment as required. Avoid breathing vapours or mists. Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

Environmental precautions

See Section 12 for additional ecological information. Local authorities should be advised if significant spillages cannot be contained. Collect spillage. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Use personal protective equipment as required.

Precautions to prevent secondary hazards**Prevention of secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

No information available.

SECTION 7: HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED**Precautions for safe handling****Advice on safe handling**

Keep exposure to this product to a minimum, and minimize the quantities kept in work areas. Avoid contact with incompatible materials.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well-ventilated place.

Incompatible materials

Strong acids. Strong bases.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Control parameters****Exposure Limits**

Chemical Name	Australia
aluminum chloride, basic (50% solution in water) 1327-41-9	2 mg/m ³

Appropriate engineering controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles.
Skin and body protection	Wear protective gloves.
Respiratory protection	Ensure adequate ventilation, especially in confined areas. No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls	No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	liquid	Odour	None
Appearance	Clear, slightly yellow, slightly viscous	Odour threshold	No information available
Colour	No information available		
Property	Values	Remarks • Method	
pH	No data. Expected to be alkaline.		
Melting point / freezing point	Approximately 0 °C		
Boiling point/boiling range	Approximately 100 °C	at 100kPa	
Flash point		No information available	
Evaporation rate		No information available	
Flammability (solid, gas)		No information available	
Flammability Limit in Air			
Upper flammability limit:			
Lower flammability limit:			
Vapour pressure	2.37	Vapor Pressure @20°C (kPa)	
Vapour density		No information available	
Specific Gravity		No information available	
Water solubility	Completely soluble in water		
Solubility(ies)		No information available	
Partition coefficient		No information available	
Auto-ignition temperature		Not applicable -does not burn.	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity			
Explosive properties	No information available		
Oxidising properties	No information available		

Other Information

VOC Content (%)	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY**Reactivity**

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

No data available.

Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Possibility of Hazardous Reactions**Possibility of Hazardous Reactions**

None under normal processing.

Conditions to avoid

No information available.

Incompatible materials

Strong acids. Strong bases.

Hazardous Decomposition Products

Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Hydrogen chloride gas. Aluminium compounds. Carbon monoxide.

Section 11: TOXICOLOGICAL INFORMATION**Acute toxicity****Information on likely routes of exposure****Product Information** Product does not present an acute toxicity hazard based on known or supplied information.**Inhalation** No data available.**Eye contact** No data available.**Skin contact** No data available.**Ingestion** No data available.**Numerical measures of toxicity - Product Information****The following values are calculated based on chapter 3.1 of the GHS document****ATEmix (oral)** 16,924.00

18% of the mixture consists of ingredient(s) of unknown toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
aluminum chloride, basic (50% solution in water)	> 2000 mg/kg (Rat)	-	-

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

No information available.

Serious eye damage/eye irritation

No information available.

Sensitisation

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

Target Organ Effects

Respiratory system Skin

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

Section 12: ECOLOGICAL INFORMATION**Ecotoxicity**

27.7 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility**Mobility in soil**

No information available.

Mobility

No information available.

Other adverse effects

No information available.

Section 13: DISPOSAL CONSIDERATIONS**Waste treatment methods****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not re-use container. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION**ADG**

Not regulated

IATA

Not regulated

IMDG

Not regulated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information available

Section 15: REGULATORY INFORMATION**Regulatory information****National regulations****Australia**

Not classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

See section 8 for national exposure control parameters

International Inventories

TSCA	Complies
NZIoC	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

NZIoC - New Zealand Inventory of Chemicals

AICS - Australian Inventory of Chemical Substances

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

SECTION 16: ANY OTHER RELEVANT INFORMATION**Revision Date**

05-Jan-2021

Revision Note

The symbol (*) in the margin of this SDS indicates that this line has been revised.

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination

with any other materials or in any process, unless specified in the text

End of Safety Data Sheet