

Revision Date 26-Jun-2019

Version 7

SECTION 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product identifier

Product Name ProGuard® Phosphate Remover

Product Code 20023515

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended Use Swimming pool chemical

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)

Not classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG)

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)

Precautionary Statements - Prevention

Keep out of reach of children
Read label before use
Keep in original container.
Avoid breathing dust/fume/gas/mist/vapours/spray

Use personal protective equipment as required
 Wash face, hands and any exposed skin thoroughly after handling
 Avoid release to the environment

Precautionary Statements - Response

If medical advice is needed, have product container or label at hand

IF ON SKIN: Wash with plenty of water and soap

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If skin irritation occurs: Get medical advice/attention

IF exposed or concerned: Call a POISON CENTER or doctor

Not combustible. Use extinguishing media suited to burning materials.

Precautionary Statements - Storage

Store in original plastic container.

Protect from sunlight

Store in a dry place. Store in a closed container

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/containers in accordance with local regulations

Other hazards

No information available

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

Substance

Non-hazardous ingredients

Proprietary

Balance

Section 4: FIRST AID MEASURES

Description of first aid measures**Inhalation**

No first aid normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin contact

Wash off immediately with soap and plenty of water.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a doctor.

Ingestion

Do NOT induce vomiting. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a doctor.

Most important symptoms and effects, both acute and delayed**Symptoms**

No information available.

Indication of any immediate medical attention and special treatment needed**Note to doctors**

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media**Suitable extinguishing media**

Not combustible. Use extinguishing media suited to burning materials.

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is minimal risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating. 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**

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.

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

Use personal protective equipment as required. Take up mechanically, placing in appropriate containers for disposal. Prevent product from entering drains. This product is likely to decompose only after heating to dryness, followed by further strong heating.

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. Use personal protection recommended in Section 8. The measures detailed below under "Storage" should be followed during handling in order to minimize risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep tightly closed in a dry and cool place. Keep containers tightly closed in a cool, well-ventilated place. Protect from sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10.

Incompatible materials

Oxidising agent.

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

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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

You should avoid contact even with mild irritants. Therefore you should wear suitable impervious elbow-length gloves made of nitrile and facial protection when handling this product.

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	Odour threshold	No information available
Colour	white		
Property	Values	Remarks • Method	
pH			
Melting point / freezing point		No information available	
Boiling point/boiling range	approx 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	As for water.	No information available	
Specific Gravity	1.1		
Water solubility	partly soluble		
Solubility(ies)	More than 10% in water.		
Partition coefficient		No information available	
Auto-ignition temperature	Does not burn.	No information available	
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.

Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

Possibility of Hazardous Reactions**Hazardous polymerisation**

Polymerisation can occur.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight. Poor ventilation.

Incompatible materials

Oxidising agent.

Hazardous Decomposition Products

This product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

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	Avoid breathing vapours or mists.
Eye contact	Avoid contact with eyes.

Skin contact	Avoid contact with skin.
Ingestion	May be harmful if swallowed.

Numerical measures of toxicity - Product Information

60 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
60 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
60 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
60 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)
60 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

60% of the mixture consists of ingredient(s) of unknown toxicity

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.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

60 % 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

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) Not classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG)

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 26-Jun-2019

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