

SAFETY DATA SHEET

GROBOR®

SECTION 1: Identification

Product name:	GroBor®
Chemical Name:	Seaweed liquid boron fertiliser
Recommended Use:	A foliar boron supplement for the correction of boron deficiencies in horticultural crops, viticulture, vegetables and fruit trees.
Restriction of use:	Refer to section 15
Company:	Sipcam New Zealand Ltd.
Address:	20 Jean Batten Drive, Mt Maunganui. (P.O. Box 14450 Tauranga, 3143)
Email:	info@sipcam.co.nz
Telephone:	0800 220 002
Emergency Telephone Numbers:	0800 CHEMCALL (0800 243622) The National Poisons Centre, 0800 POSION (0800 764 766)

SECTION 2: Hazards Identification

This substance is not classified as a hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020

SECTION 3: Composition / information on ingredients

Ingredients	CAS Number	Content (% w/w)
Trade secret ingredients that do not independently trigger hazard classifications	-	100

SECTION 4: First Aid Measures

Routes of exposure: None specified.

If medical advice is needed, have product container or label at hand. For advice call the National Poisons Centre or Doctor.

Observe good hygiene practices, such as hand washing and avoiding contact with eyes, when handling this product.

SECTION 5: Fire Fighting Measures

Hazard type	Non-hazardous
Fire/explosion Hazard	Not applicable

Polymerisation	Not applicable
Hazards from combustion products	Not applicable
Suitable extinguishing media	Not applicable
Unsuitable extinguishing media	Not applicable
Precautions for firefighters and special protective clothing	Not applicable
Specific Methods	Not applicable
HAZCHEM CODE	Not applicable

SECTION 6: Accidental Release Measures

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent entry of chemical or used/damaged containers into sewers, drains, streams, or waterways. If necessary, inform the police and the Regional Council.

Methods and material for containment and cleaning up:

Prevent liquid from entering sewers, waterways, or low areas by bunding or dyking. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place into labelled containers for disposal. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved facility. (See section 13 for disposal instructions).

SECTION 7: Handling and Storage

Precautions for Handling:

- Keep out of reach of children
- Store in original, tightly closed container away from foodstuffs.
- Store in a cool dry well ventilated area avoiding sunlight and extreme temperatures.

SECTION 8: Exposure Control / Personal Protection

Workplace exposure standards (provided for guidance only)

Substance	TWA ppm mg/m³	STEL ppm mg/m³
No biological limits applicable	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES- Product Name: Phoenix Fungicide Issued by: Technical Compliance Consultants (NZ) Ltd Date of SDS: 28 May 2019 Tel: 64 9 475 5240 www.techcomp.co.nz Page 4 TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2017 9TH EDITION.

Engineering controls

Use only outdoors or in a well-ventilated area.

Personal Protective Equipment

None specified. Observe good hygiene practices, such as hand washing and avoiding contact with eyes, when handling this product.

SECTION 9: Physical and Chemical Properties

Appearance	Brown liquid
Odour	No data
Odour Threshold	No data
pH	8-10
Melting point/freezing point	No data
Boiling point	No data
Flash point	Not applicable
Flammability	Not applicable
Upper and lower flammability or explosive limits	Not applicable
Vapour pressure	No data
Vapour density	No data
Specific gravity	1.39
Solubility	Soluble in water
Partition Coefficient: n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Kinematic viscosity	No data
Particle characteristics	Not applicable

SECTION 10: Stability and Reactivity

Stability of substance	Stable under normal storage conditions.
Conditions to avoid	Not applicable
Incompatible materials	Not applicable
Hazardous decomposition products	Not applicable

SECTION 11: Toxicological Information

Acute toxicity - oral	LD ₅₀ >4500 mg/kg
Acute toxicity - dermal	Not applicable
Acute toxicity - inhalation	Not applicable
Skin corrosion/irritation	Not applicable
Serious eye damage/eye irritation	Not applicable
Respiratory or skin sensitization	Not applicable
Germ cell mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	Not applicable
Specific target organ toxicity – single exposure	Not applicable
Specific target organ toxicity –	Not applicable

repeated exposure**Aspiration hazard** Not applicable**SECTION 12: Ecological Information****Ecotoxicity**

Fish	Not applicable
Crustaceans	Not applicable
Aquatic plants	Not applicable
Algae	Not applicable
Birds	Not applicable
Earthworm	Not applicable
Bees	Not applicable
Persistence and degradability	No data
Potential to bioaccumulate	No data
Mobility in soil	No data
Other adverse effects	Not applicable

SECTION 13: Disposal Considerations

Product: Dispose of this product only by using according to the label, or at a suitable landfill.

Container: Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, puncture and dispose of at an approved landfill.

Avoid contamination of any water supply with product or empty container

Disposal methods to avoid. Do not burn empty container. Do not allow product or empty container to enter waterways.

SECTION 14: Transport Information

This product is not classified as a Dangerous Good for transport in NZ; NZS 5433

Road and Rail Transport: Not classified as a dangerous good for transport

Air Transport: Not classified as a dangerous good for transport

Marine Transport: Not classified as a dangerous good for transport

SECTION 15: Regulatory Information

This substance is not classified as hazardous according to the *Hazardous Substances (Hazard Classification) Notice 2020*

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handler	Not applicable
Location Certificate	Not applicable
Signage Trigger Quantity	Not applicable

(Schedule 3)	
Emergency Response Plan	Not applicable
(Schedule 5)	
Secondary Containment	Not applicable
(Schedule 16)	
Tracking (Schedule 26)	Not required
Controls	
Record Keeping	Not applicable
Qualifications	Not applicable
HSNO Additional controls	Not applicable
Tolerable Exposure Level (TEL)	None set
Environmental Exposure Limit (EEL)	None set
ACVM Approval Number	Exempt from registration

SECTION 16: Other Information

Glossary

ACVM	Agricultural Compounds and Veterinary Medicines Act 1997
EC50	Median effective concentration
EEL	Environmental exposure limit
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms Act 1996
HSW	Health and Safety at Work Act 2015
HSW (HS)	Health and Safety at Work (Hazardous Substances) Regulations 2017
Regulations	
LC50	Lethal concentration that will kill 50% of the test organism
LD50	Lethal dose to kill 50% of the test organism
WES	Workplace exposure Limit

References

1. EPA Hazardous substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition
3. Assigning a hazardous substance to a HSNO approval (Aug 2013)
4. Transport of Dangerous Goods ON Land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017
6. United States Environmental Protection Agency Memorandum USEPA PC Code: 122804

Disclaimer

This document has been issued by Sipcaml NZ Limited and serves as their Safety Data Sheet (SDS). It is based on information concerning the product which is held by Sipcaml NZ Ltd or has been obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. While Sipcaml NZ Ltd has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to the accuracy or completeness. As far as lawfully possible, Sipcaml NZ Ltd accept not liability for any loss, injury, or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of the reliance on the information contained in this SDS. The information herein is given in good faith, but no warrant, express or implied, is made.

Date of issue: 5 March 2026

Previous Version: November 2022