SAFETY DATA SHEET

BIOPOWER® N BOOST

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Identifiers

Product name:	Biopower® N Boost
Other Name(s):	

1.2 Recommended use of the chemical and restrictions on use

Product Use:	Plant nutrition

1.3 Supplier contact details:

Company name:	Sipcam New Zealand Ltd
Address:	20 Jean Batten Drive Mt Maunganui, 3116
Telephone:	0800 220 002
Email:	info@Sipcam.co.nz

Emergency telephone number (24 hours) 0800 CHEMCALL (0800 243 622)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Hazardous Chemical

Not classified as a hazardous substance according to the Hazardous Substances and New Organisms Act 1996.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: mixture

Ingredients	CAS	Proportion
Non-hazardous ingredients	-	100%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

For advice call the NATIONAL POISONS CENTRE, telephone 0800 POISON [0800 764 766]. Have product label or container at hand.

IF SWALLOWED: Call the NATIONAL POISONS CENTRE or doctor for advice if you feel unwell

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. If irritation occurs then get medical advice.

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

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call the NATIONAL POISONS CENTRE or doctor for advice if person feels unwell.

Symptoms caused by exposure

Unlikely to cause harmful effects under normal conditions of handling and use.

Medical attention and special treatment
Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media
Carbon dioxide, dry chemical, foam, water fog or fine water spray appropriate to surrounding media.

5.2 Specific hazards
None known. Product is non-flammable. There is no risk of an explosion from this product under normal circumstances if involved in a fire.

5.3 Special protective equipment and precautions for fire fighters
Isolate fire area. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk to of exposure to vapour or smoke. Keep containers cool by spraying with water. Do not breathe or contact smoke, gases or vapours generated. Contain all runoff.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
In the event of an accidental spill wear protective clothing.

6.2 Environmental precautions
Prevent spillage from entering drains or waterways. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

6.3 Methods and materials for containment and cleaning up
Contain spilled material. For small liquid spills, use absorbent material such as sand, soil, vermiculite and recover into labelled drums that can be sealed for safe disposal. For large liquid spills, recover liquid into labelled containers then absorb remaining liquid and transfer to drums for disposal. Clean area with water and detergent. Dispose of contaminated materials to approved landfill in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Read the label before use. Do not eat, drink or smoke when using. Wear eye protection and gloves when handling.

7.2 Conditions for safe storage
Store in the closed original packaging out of reach of children and in a dry, cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Occupational exposure limit values
No limits established

8.2 Biological limit values
No limits allocated.

8.3 Engineering controls
Use outdoors or in a well-ventilated area.

8.4 Personal protective equipment (PPE)
The following Standards provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Eye/Face Protection: Wear protective glasses, goggles or face shield when mixing or applying product.

Skin Protection: Wear impervious gloves, coat, trousers, waterproof hat. Ensure all skin areas are covered.

Respirator: Where product is being sprayed and a mist could be produced, a respirator should be worn. It should be fitted with a cartridge suitable for agricultural chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown to greenish black coloured liquid
Odour	Fishy/seaside odour
Odour threshold	Not available
pH	6.0 – 9.0 (undiluted)
Melting/Freezing Point	No data
Boiling Point /Range	No data
Flash point	No data
Flammability (solid, gas)	Non-flammable
Upper/lower flammability or explosive limits	No data
Vapour Pressure	No data
Vapour density	No data
Relative density	No data
Solubility	Soluble in water
Partition Co-efficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data
Particle characteristics	No data

SECTION 10: STABILITY AND REACTIVITY

10.1 Chemical stability

Stable under normal conditions of storage and handling.

10.3 Conditions to Avoid

Do not store for prolonged periods in direct sunlight.

10.4 Incompatible materials and possible hazardous reactions

Not applicable

10.5 Hazardous decomposition products

Not applicable

10.6 Polymerisation:

No data

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Health hazard information

This product is not classified for health hazards according to an assessment of information on the product.

11.2 Toxicological information:

Acute toxicity:	Not classified.
Aspiration hazard:	Not classified.
Respiratory irritation:	Not classified.
Skin corrosion/irritation	Not classified.

Serious eye damage/irritation	Not classified.
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity:	No ingredients in product identified as presumed or suspected mutagens.
Carcinogenicity:	No ingredients in product identified as presumed or suspected carcinogens.
Reproductive toxicity:	No ingredients in product identified suspected of damaging fertility or the unborn child.
Specific target organ toxicity – single/repeated exposure:	No ingredients in product identified as specific target organ toxicants.
Narcotic effects:	Noo ingredients in product identified as causing narcotic effects.

11.3 Toxicological data:

No data available on product.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No data available for product.

12.2 Persistence and degradability

No data available for product.

12.3 Potential to be bioaccumulative

No data available for product.

12.4 Mobility in soil

No data available for product.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product Disposal

Dispose of by using according to label directions.

13.2 Container Disposal

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.

SECTION 14: TRANSPORT INFORMAITON

14.1 Road and Rail Transport:

Not scheduled as Dangerous Goods for Transport Purposes.

14.2 Marine Transport (IMO/IMDG):

Not scheduled as Dangerous Goods by criteria of the International Maritime Dangerous Goods Code for the transport by sea.

14.3 Air Transport (ICAO/IATA):

Not scheduled as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15: REGULATORY INFORMATION

Not classified as a Hazardous substance according to Hazardous Substances (Hazard Classification) Notice 2020.

Approval number:	Not applicable.
Hazardous classifications:	Not applicable.
HSW (HS) Regulations 2017	**Trigger Quantity**
Certified Handler	Not applicable.
Location Certificate	Not applicable.
Signage Trigger Quantity (Schedule 3)	Not applicable.
Emergency Response Plan (Schedule 5)	Not applicable.
Secondary Containment (Schedule 16)	Not applicable.
Tracking (Schedule 26)	Not applicable.
Tolerable Exposure Level (TEL)	None set
Environmental Exposure Level (EEL)	None set
International Agreements	Not applicable
Additional information:	Refer to HS Notices (www.epa.govt.nz) and HSW HS Regulations (www.worksafe.govt.nz)
ACVM Registration:	Exempt from registration pursuant to the Agricultural Compounds and Veterinary Medicines Act 1997

SECTION 16: OTHER INFORMATION

16.1 Date of preparation or last revision of SDS

SDS issued	07 August 2026
SDS supersedes	13 July 2024
Reason issued	Change to Sipcam

16.2 ABREVIATIONS

ADI	Acceptable Daily Intakes
CAS number	Chemical Abstracts Service Registry Number
CCID	Chemical Classification Identification Database
EPA	Environmental Protection Authority
ErC_{50}	Half maximal Effective Concentration
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HSNO	Hazardous Substances and New Organisms
HS	Health and Safety
HSR	Hazardous Substances Register
IARC	International Agency for Research on Cancer
LC_{50}	Median Lethal Concentration
LD_{50}	Median Lethal Dose
SDS	Safety Data Sheets
NOAEL	No Observable Adverse Effect Level
NOEL	No Observable Effect Level
NOS	Not otherwise specified
STEL	Short Term Exposure Limit

SWA	Safety Work Australia
TWA	Time-Weighted Average
UN Number	United Nations Number

16.3 REFERENCES

Manufacturer information
EPA CCID and Approved Substance databases
University of Hertfordshire Pesticides Properties Database

16.4 OTHER

Biopower® is a registered trademark of Sipcam New Zealand Ltd

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End of Safety Data Sheet