SAFETY DATA SHEET

AMINO BOSS® FODDER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Identifiers

Product name:	**AMINO BOSS FODDER**
Other Name(s):	-

1.2 Recommended use of the chemical and restrictions on use

Product Use:	Nutritional additive.

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 numbers	National Poison Centre 0800 POISON (0800 764 766) Chemical Emergency 0800 CHEMCALL (0800 243 622)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Hazardous Chemical

Hazardous substance according to Hazardous Substances (Hazards Classification) Notice 2020.

HSNO Substance Approval: HSR002571

Hazard classifications: Skin irritation Category 2, Eye damage Category 1, Reproductive toxicity Category 2

2.2 Label elements:

Pictograms:



Signal Word: DANGER

Hazard statements:

H315	Causes skin irritation
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child

Precautionary statements:

Prevention

P102	Keep out of reach of children
P103	Read label before use
P201	Obtain special instructions before use
P202	Do not handle until all safety instructions have been read and understood

P264	Wash hands and exposed skin thoroughly after handling
P280	Wear protective gloves/clothing, eye/ face protection
P281	Wear personal protective equipment (PPE) as required
Response	
P101	If medical advice is needed, have product container or label at hand
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P332 + P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before re-use.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTRE or doctor/physician.
Storage	
P405	Store locked up.
Disposal	
P501	Dispose of contents/container in accordance with local regulations.

Additional labelling statements required under Hazardous Substances (Labelling) Notice 2017

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Content %w/w
Urea	57-13-6	1 - 15
Boric acid	10043-35-3	1 - 10
Citric acid anhydrous	77-92-9	1 - 5
Ethanolamine	141-43-5	1 -3
Ammonia	1336-21-6	0.1 -1
Other ingredients*	Proprietary	To balance

This is a commercial product whose exact ratio of components may vary slightly.
*Do not affect the hazardous classifications of the product.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Information:

IF EXPOSED OR CONCERNED: For advice contact the National Poisons Centre, telephone 0800 POISON [0800 764 766] for advice. Have label or Safety Data Sheet at hand.

Ingestion: If swallowed, do NOT induce vomiting. Rinse mouth. Call the NATIONAL POISONS CENTRE or doctor for advice if symptoms develop or person feels unwell.

Skin Contact: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical advice if skin irritation persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice.

Inhalation: 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.

4.2 Symptoms caused by exposure

No information available.

4.3 Medical attention and special treatment

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Use water spray, CO_2, fog or foam as appropriate for surrounding materials. Contain extinguishing media to prevent runoff into drains, sewers, waterways.

5.2 Specific hazards arising from the chemical

Fire decomposition products may be toxic/harmful and/or irritating if inhaled. Evacuate people to safe area upwind of fire.

5.3 Special protective equipment and precautions for fire fighters

Wear full personal protective equipment including with self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Have this SDS available**.** Read product label.

Stop leak if safe to do so. In the event of a spill, wear appropriate protective clothing/equipment, eye and skin protection. Ensure adequate ventilation. Wash contaminated personal protective equipment and clothing, and dry before re-use.

6.2 Environmental precautions

Prevent spillage from entering drains or waterways. Contain and collect spills. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

6.3 Methods and materials for containment and cleaning up

For small liquid spills, use inert absorbent material such as sand, earth, diatomaceous earth or 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

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Read the label before use.

Avoid contact with eyes and skin. Wear protective clothing/gloves and eye protection. Use in well-ventilated area. Do not eat, drink or smoke when using. Wash hands and exposed skin with soap and water after handling and before rest or meal breaks.

Do not use spray equipment contaminated with this product for any other purpose unless first thoroughly cleaned with a suitable cleaning detergent.

7.2 Conditions for safe storage

Keep out of reach of children. Store locked up in original packaging, tightly closed, in a dry, cool, well-ventilated area, and out of direct sunlight.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters – exposure standards, biological monitoring

Workplace Exposure Standard and Biological Exposure Indices, edition 15, February 2025.
No NZ exposure standard has been established for similar ingredients.

Ingredient	TWA mg/m^3	STEL mg/m^3
Ammonia	14 (20 ppm)	28 (40 ppm)
Boric oxide (CAS No 1303-86-2)	10	-
Ethanolamine	0.5 (0.2 ppm)	0.5 (0.2 ppm)

No biological limits applicable.

8.2 Engineering controls

Use in well-ventilated area or outdoors.

8.3 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 safety glasses with side shields or chemical goggles.

Skin Protection: Wear impervious gloves (e.g. nitrile, butyl), and recommended to wear coveralls, socks and chemical resistant footwear.

Respirator: Use outdoors in well-ventilated area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark blue liquid
Odour	Slight ammonia
Odour threshold	No data available
pH	7.2
Melting/Freezing Point	No data available
Boiling Point /Range	No data available
Flash point	Nin flammable.
Flammability (solid, gas)	Not applicable
Vapour Pressure	No data available
Vapour density	No data available
Specific gravity	1.21
Solubility in water	Soluble
Partition Co-efficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Particle characteristics	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

This product is unlikely to react or decompose under normal storage conditions.

10.2 Chemical stability

Stable under normal temperatures and pressure for storage and use.

10.3 Conditions to Avoid

Heat, storage in direct sunlight, incompatible materials.

10.4 Incompatible materials and possible hazardous reactions

Avoid contact with strong acids, strong bases, strong oxidising agents.

10.5 Hazardous decomposition products

Fire Decomposition: Carbon dioxide, carbon monoxide, nitrogen oxides, and other unspecified compounds.

10.6 Polymerisation

Not known to occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Health hazard information

The product is classified for health hazards according to an assessment of information on product.

11.2 Toxicological information

Acute toxicity:	Not classified.
Aspiration hazard:	Not classified.
Respiratory irritation:	No information available.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	May damage fertility or the unborn child. Product contains boric acid.
Specific target organ toxicity – single/repeated exposure	Not classified.
Narcotic effects	No ingredient has been identified as causing narcotic effects.

11.3 Toxicological data: Not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

This product is not classified as being hazardous in the environment.

12.2 Environmental Fate

Breakdown in soil and groundwater: No data available.

Bioaccumulation: No data available.

Partition coefficient (octanol/water): No data available.

Soil mobility: Product is soluble in water.

12.3 Ecotoxicity data: No data available for formulated product.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product Disposal

If possible, dispose of by using according to the label. Otherwise dispose of to an approved landfill in accordance with local regulations.

13.2 Container Disposal

Do not burn or use packaging for storage of other products. Empty rinsed packaging should be disposed of to an approved recycler or crushed and sent to approved landfill.

SECTION 14: TRANSPORT INFORMAITON

Road and Rail Transport:

Not classified as Dangerous Goods according to NZS5433 Transport of Dangerous Goods on Land

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

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

UN Number:	-
UN Proper Shipping Name:	-
Transport hazard class(es)	-
Packing Group:	-
HAZCHEM:	-
Special Precautions for User:	-
IMDG Marine pollutant:	-
Transport in Bulk:	-

SECTION 15: REGULATORY INFORMATION

15.1 HSNO Act 1996

Hazardous substance according to Hazardous Substances (Hazard Classification) Notice 2020.

Approved substance number:	HSR002571; Fertilisers (Subsidiary Hazard) Group Standard 2020.
Hazardous classifications:	Skin irritation Category 2, Eye damage Category 1, Reproductive toxicity Category 2
Controls:	Refer to control on www.epa.govt.nz for complete wording for Controls.
Additional HSNO Controls	-
Additional information:	Refer to HS Notices (www.epa.govt.nz) and HSW HS Regulations (www.worksafe.govt.nz)

15.2 ACVM Act 1997

Registration number: Not applicable (exempt)

Refer to www.foodsafety.govt.nz for registration conditions.

SECTION 16: OTHER INFORMATION

16.1 Date of preparation or last revision of SDS

SDS issued	19 October 2026
SDS supersedes	20 September 2026
Reason issued	Formatting

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

EPA CCID and Approved Substance databases
PPDB- Pesticides Properties Database

16.4 OTHER

Amino Boss is a registered tradename of Sipcam New Zealand limited

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End of Safety Data Sheet