

# SAFETY DATA SHEET

(in accordance with NZ EPA regulations)

## G0017.-CODAMIN B-Mo

Version: 2

Revision date: 16/10/2020

Next review date: 16/10/2025



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### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

#### 1.1 Product identifier.

Product Name: codamin B-Mo  
Product Code: G0017.

#### 1.2 Relevant identified uses of the mixture and uses advised against.

Agriculture - for professional use only.

#### Uses advised against:

uses other than those recommended.

#### 1.3 Details of the supplier of the safety data sheet.

Company: **Sustainable Agro Solutions, S.A.U.**  
Address: Ctra. N-240, Km.110  
City: Almacelles  
Province: Lleida  
Telephone: 973 74 04 00  
Fax: 973 74 14 89  
E-mail: [info@sas-agri.com](mailto:info@sas-agri.com)  
Web: [www.sas-agri.com](http://www.sas-agri.com)

#### 1.4 Distributed by:

Company: **Seed & Field Services (SI) Ltd.**  
Address: 17 Railway Terrace East  
City: Rakaia  
Country: New Zealand  
Telephone: +64 3 302 7317

#### 1.5 Emergency telephone number:

National Poisons Center (New Zealand): 0800 POISON (0800 764 766)

### SECTION 2: HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 – HSR002571 – Fertilisers (Subsidiary Hazard) Group 2017.

Not classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land".

Pictograms:



HNSO Classifications: 6.3A, 6.4A.

Signal Word:

**Warning**

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### Hazard Statements:

- H315 Causes skin irritation.  
H319 Causes serious eye irritation.

### Prevention Statements:

- P103 Read label before use.  
P264 Wash exposed parts of body thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Response Statements:

- P321 Specific treatment is on the label.  
P362 Take off contaminated clothing.  
P302+P352 IF ON SKIN: wash plenty of water.  
P305+P351+P338 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P332+P313 IF SKIN irritations occurs: Get medical advice/attention.  
P337+P313 IF eye irritation persists: Get medical advice/attention.

### Storage Statements:

### Disposal Statements:

- P501 Disposal of waste product and containers must be in accord with local bylaws and regulations.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

### 3.1 Chemical Nature:

Ingredient	CAS Number	Content (% w/w)
Boron ethanolamine	10377-81-8	30 – 60%

## SECTION 4: FIRST AID MEASURES.

### 4.1 Description of first aid measures.

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

#### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

#### Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up and seek medical assistance.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

#### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed.

No known acute or delayed effects from exposure to the product.

### 4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

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### SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

#### 5.1 Extinguishing media.

##### Recommended extinguishing methods.

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

#### 5.2 Special hazards arising from the mixture.

##### Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

#### 5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

##### Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

### SECTION 6: ACCIDENTAL RELEASE MEASURES.

#### 6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

#### 6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

#### 6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour product and absorbent into an appropriate container. The contaminated area should be immediately cleaned with an appropriate de- contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

#### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

### SECTION 7: HANDLING AND STORAGE.

#### 7.1 Precautions for safe handling.

The product does not require special handling measures but the following general measures are recommended:

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

#### 7.2 Conditions for safe storage, including any incompatibilities.

The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35° C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label.

#### 7.3 Specific end use(s).

Agricultural

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

#### 8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

#### 8.2 Exposure controls.

##### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

<b>Concentration:</b>	<b>100 %</b>
<b>Uses:</b>	<b>Agriculture. For professional use only.</b>
<b>Breathing protection:</b>	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
<b>Hand protection:</b>	
If the product is handled correctly, no individual protection equipment is necessary.	
<b>Eye protection:</b>	
If the product is handled correctly, no individual protection equipment is necessary.	
<b>Skin protection:</b>	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

#### 9.1 Information on basic physical and chemical properties.

Appearance: Liquid with characteristic odour and colour

Colour: Dark brown

Odour: Characteristic

Odour threshold: N.A./N.A.

pH: 7,5

Melting point: N.A./N.A.

Boiling Point: N.A./N.A.

Flash point: > 60 °C

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): N.A./N.A.

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

Vapour pressure: N.A./N.A.

Vapour density: N.A./N.A.

Relative density: 1,275 g/cm<sup>3</sup>

Solubility: N.A./N.A.

Liposolubility: N.A./N.A.

Hydrosolubility: N.A./N.A.

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A.

Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

Explosive properties: N.A./N.A.

Oxidizing properties: N.A./N.A.

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

#### 9.2. Other information.

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### SECTION 10: STABILITY AND REACTIVITY.

#### 10.1 Reactivity.

The product does not present hazards by their reactivity.

#### 10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

#### 10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

#### 10.4 Conditions to avoid.

Avoid any improper handling.

#### 10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

#### 10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

### SECTION 11: TOXICOLOGICAL INFORMATION.

#### 11.1 Information on toxicological effects.

There are no tested data available on the product.

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Product classified:

Skin irritation, Category 2: Causes skin irritation.

c) serious eye damage/irritation;

Product classified

Serious eye damage / eye irritation, Category 2A: causes serious eye irritation.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

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### SECTION 12: ECOLOGICAL INFORMATION.

#### 12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

#### 12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

#### 12.3 Bioaccumulative potential.

No information is available regarding the bioaccumulation of the substances present.

#### 12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

#### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

#### 12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

### SECTION 13 DISPOSAL CONSIDERATIONS.

Appropriate and achievable disposal methods, including for packaging must be consistent with the Act and the Disposal Notice and must include special precautions to be taken during disposal and any method of disposal that should not be used.

#### Disposal Methods

Dispose of at an approved waste site. Refer to waste management authority.

#### Legislation

Dispose of in accordance with relevant local legislation. Contact a specialist waste company or local regulator for advice

### SECTION 14: TRANSPORT INFORMATION.

#### Road and Rail Transport:

Not Classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land"

#### Sea Transport

IMDG: Not classified as dangerous goods under transport regulations

#### Air Transport

IATA/ICAO: Not classified as dangerous goods under transport regulations

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### SECTION 15: REGULATORY INFORMATION.

Classified as hazardous according to the criteria of the Hazardous Substances (Classification) Notice 2017 – HSR002571 – Fertilisers (Subsidiary Hazards) Group Standard.

### SECTION 16: OTHER INFORMATION.

#### Additional Information

This SDS was prepared on 16/10/2020 and is version 2.

Date for Next Review of SDS: 16/10/2025

Key/Legend / Abbreviations (when used)

ACGIH – American Conference of Governmental Industrial Hygienists

ADG Code Australian Dangerous Goods

AICS Australian Inventory of Chemical Substances

CEN European Committee for Standardization

EN - European Standard

EU – European Commission

GHS - Globally Harmonized System of classification and labelling of chemicals

IATA - International Air Transport Association

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods Code

LD50 LD stands for Lethal Dose. LD50 is the amount of a substance, given all at once, which causes the death of 50% (one half) of a group of test animals.

HSNO- Hazardous Substances and New Organisms Act 1996

OECD - Organisation for Economic Co-operation and Development

PPE Personal Protective Equipment

REACH – Council on the Registration, Evaluation, Authorization and Restriction of Chemicals

TLV – Threshold Limit Values

TWA – Time-Weighted Average

#### Report Status

This document is based on the best available information on the date of issue and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for this product. While all due care has been taken to include accurate and up-to-date information, no warranty as to accuracy or completeness is provided. As far as lawfully possible, Sustainable Agro Solutions S.A. accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of reliance on the information contained in this Safety Data Sheet.