



SAFETY DATA SHEET

BORONIA MO

Date of Issue: 16 January 2022

1. IDENTIFICATION

Product Identifier: **BORONIA MO**

Other Means of Identification: None

Recommended Use of the Chemical and Restrictions on Use: **Fertiliser – mixture of nutrients and trace elements for plants**

Details of Manufacturer or Importer: AgNova Technologies Pty Ltd
Unit 4, 482 Kingsford Smith Drive
Hamilton, Qld 4007 Australia
info@agnova.com.au
(03) 9899 8100
agnova.com.au

Emergency Phone Number: 1800 033 111 (24 hrs)

2. HAZARD(S) IDENTIFICATION

GHS Classification: Not classified as hazardous according to the GHS

ADG Classification: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail 7th Edition (see section 14)

SUSMP Classification: Not scheduled
(Standard for Uniform Scheduling of Medicines and Poisons)

3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Ingredients: | CAS Number: | Concentration (w/v): |
|---------------------------|--------------------|-----------------------------|
| Non-hazardous ingredients | - | 100% |



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4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone 13 11 26), and follow the advice given. Show this Safety Data Sheet to a doctor.

Description of Necessary First Aid Measures:

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|---|---|
| Ingestion: | Seek medical attention, showing the label. Give nothing by mouth. Do not induce vomiting. |
| Inhalation: | Remove the victim to fresh air. In case of respiratory problems, consult a doctor/medical service. |
| Skin contact: | Wash with plenty of water and soap. In case of redness or irritation, consult a doctor/medical service. |
| Eye contact: | Reset contact lenses. |
| First Aid Facilities: | Provide washing facilities in the workplace. |
| Symptoms Caused by Exposure: | No data available. |
| Medical Attention and Special Treatment: | No data available. |

5. FIREFIGHTING MEASURES

| | |
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| Suitable Extinguishing Equipment: | In the event of a fire, use sprayed water or water mist, foam, powder or carbon dioxide (CO ₂). The choice of the method depends on the other products present. Do not use a strong water jet due to danger of spreading of the product. |
| Specific Hazards Arising from the Chemical: | Product is non-flammable. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: nitrogen oxide (NO), ammonia (NH ₃). |
| Special Protective | Precautions against fire: like in case of all fires involving chemicals, wear appropriate protective equipment (chemical protective |

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Equipment and Precautions for Firefighters: clothing, boots and gloves).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: See sections 7 and 8.
For non-first aid worker:
 If spill is large, evacuate all personnel and only allow intervention by trained operators and equipped with individual protection equipment appropriate (refer to Section 8).
For first aid worker:
 Ensure first aid workers are equipped with suitable personal protective equipment (See section 8).

Environmental Precautions: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
 Prevent any material from entering drains or waterways.
 If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

Methods and Materials for Containment and Cleaning Up: Clean preferably with a detergent, do not use solvents.
 Ventilate the area and recover by pumping the product for re-use. If this is not possible, cover the product with dry sand or vermiculite, mix and sweep up. Transfer to a suitable container properly labeled and dispose via an authorised waste disposal company.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Always wash hands after handling. Avoid inhalation of spray. Prevent access by unauthorised personnel. In all cases, the usual precautionary measures for handling chemicals should be observed. Personal protection: see section 8.
 When handling do not eat, drink or smoke. Ensure adequate ventilation. Observe precautions stated on the label and industrial safety regulations.

Conditions for Safe Storage, including any Incompatibilities: Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Keep in the original, closed and labelled container. Store at 0°C – 35°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards: No data available.

Biological Monitoring: No data available.

Control Banding: No data available.

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Individual Protection Measures, for example, Personal Protective Equipment (PPE): Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

Eye/face protection: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with compliance standard.

Skin protection: Wear suitable protective gloves in the event of prolonged or repeated skin contact. Type of gloves recommended: natural latex, nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)), PVC (polyvinyl chloride), butyl rubber (Isobutylene-isoprene copolymer).

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory protection: In case of aerosol or the formation of fine liquid particles, it is recommended to wear appropriate respirator fitted with an air purifier in accordance with an approved standard if a risk assessment indicates this is necessary. Otherwise, wear a disposable half-mask aerosol filter in accordance with an approved standard.

Thermal hazards: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: Dark brown, opaque

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| | |
|-----------------------------------|-------------------------------|
| Odour: | Odourless |
| Melting Point: | No relevant |
| Boiling Point: | Not relevant |
| Flammability: | Not flammable |
| Flash Point: | Not relevant |
| Auto-Ignition Temperature: | Not relevant |
| Decomposition Temperature: | Not relevant |
| pH (aqueous solution): | 8.8 ± 0.6 (10 g/L) |
| pH: | 8.1 ± 0.6 |
| Solubility: | Soluble |
| Vapour Pressure: | Not relevant |
| Density: | 1330 ± 1.5% g/dm ³ |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Reactivity: | No data available. |
| Chemical Stability: | Stable under normal storage and handling conditions. |
| Possibility of Hazardous Reactions: | According to our knowledge, this product does not present any particular hazard under normal conditions of use and storage. |
| Conditions to Avoid: | Avoid frost, exposure to light. |
| Incompatible Materials: | Reactive or incompatible with strong acids, strong oxidising agents, halogenated compounds. |
| Hazardous | Thermal decomposition products may include nitrogen oxide (NO); |

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Decomposition Products: ammonia (NH₃).**11. TOXICOLOGICAL INFORMATION****Acute Toxicity:** No data available.**Skin Corrosion/Irritation:** No data available.**Serious Eye Damage/Irritation:** No data available.**Respiratory or Skin Sensitisation:** No data available.**Germ Cell Mutagenicity:** No data available.**Carcinogenicity:** No data available.**Reproductive Toxicity:** No data available.**Specific Target Organ Toxicity (STOT) – single exposure:** No data available.**Specific Target Organ Toxicity (STOT) – repeated exposure:** No data available.**Aspiration Hazard:** No data available.**Information on Possible Routes of Exposure:**

No data available.



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Immediate and delayed effects as well as chronic effects from short and long-term exposure:

No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data on the preparation is available.
The nutrients (mineral salts) contained in this product are essential for good plant growth, but may be harmful in large amounts to susceptible plants, aquatic organisms and wildlife. It is therefore necessary to minimise the amount of product released into the environment, except as part of a rational fertilisation program for plants, preferably after a test on soil and/or plant tissues.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

It is recommended to avoid or minimise waste generation. Disposal of this product, solutions and by-products should at all times comply with the requirements for environmental protection and disposal of waste and the requirements of all local authorities. Do not pour into drains or waterways. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Empty container completely. Keep label(s) on container.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail 7th Edition.

UN Number: Not applicable.



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| Proper Shipping Name or Technical Name: | Not applicable. |
| Transport Hazard Class: | Not applicable. |
| Packing Group Number: | Not applicable. |
| Environmental Hazards for Transport Purposes: | Not a marine pollutant. |
| Special Precautions for User: | Not applicable. |
| Additional Information: | Not available. |
| Hazchem Code: | Not applicable. |

15. REGULATORY INFORMATION

| | |
|--------------|----------------------------|
| APVMA | Registration not required. |
| SUSMP | Not scheduled. |

16. OTHER INFORMATION

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|---|--|
| Date of Preparation or Revision: | 16 January 2022. |
| Reason for Revision: | 5-year review. Sections revised: Section 1: Contact details updated Sections 4, 7, 9, 11: Updated according to manufacturer SDS version May 2019 |
| Abbreviations | APVMA – Australian Pesticides and Veterinary Medicines Authority |



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and GHS – Globally Harmonised System of Classification and Labelling of
Acronyms: Chemicals
SUSMP – Standard for the Uniform Scheduling of Medicines and
Poisons

Data Sources: Manufacturer product safety data and published data

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

The opinions expressed herein are those of qualified experts with the manufacturer. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of AgNova Technologies Pty Ltd, it is the user's obligation to determine the conditions of safe use of the product.

END OF SDS