

**Section 1 - Identification of the Material and Supplier**

<b>Evergreen Garden Care Australia Pty Ltd</b>	<b>Phone: 02 8602 9000</b>
<b>Level 2, 32 Lexington Drive</b>	<b>Fax: 02 8602 9001</b>
<b>Bella Vista NSW 2153 AUSTRALIA</b>	<b>Emergency (24hr): 1800 033 111</b>

**Trade Name:** Miracle-Gro All Purpose Soluble Plant Food  
**Product Use:** Fertiliser  
**Creation Date:** May, 2020  
**This version issued:** May, 2020 and is valid for 5 years from this date.  
**Poisons Information Centre: Australia - Phone 13 11 26** (New Zealand- 0800 764 766)

**Section 2 - Hazards Identification****Statement of Hazardous Nature**

This product is classified as: Not Hazardous according to the Globally Harmonised System of Classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not a Dangerous Goods according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**Signal word: None**

**HAZARD STATEMENT(S): None**

**PRECAUTIONARY STATEMENT(S);****Prevention:**

- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of reach of children.
- P103: Read label before use.
- P262: Do not get in eyes, on skin, or on clothing
- P281: Use personal protective equipment as required.

**Response:**

- P302+P350: IF ON SKIN: gently wash with plenty of soap and water.
- P308+P313: If exposed or concerned: Get medical advice/attention.

**STORAGE:**

No storage statements.

**DISPOSAL**

F501: Dispose of contents and container in accordance with local, regional, national, international regulations.

**Section 3 - Composition/Information on Ingredients**

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
Boric acid	10043-35-3	0.1 – 0.3%
Ingredients deemed to be non-hazardous	-	to 100%

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

**Section 4 - First Aid Measures**

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

**Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if symptoms occur.

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**Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)**

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin with running water. If symptoms occur seek medical advice.

**Eye Contact:** If in eyes, hold eyelids apart and immediately flush the eyes continuously with running water. Check for and remove any contact lenses. Get medical attention if irritation occurs or concerned.

**Ingestion:** Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Note to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## Section 5 - Fire Fighting Measures

**Hazchem code:** Not applicable.

**Suitable Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Specific Hazards:** No specific fire or explosion hazard.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds, metal oxide/s.

**Precautions in connection with Fire:** Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing if risk of exposure to vapour. Keep containers cool with water spray.

## Section 6 - Accidental Release Measures

**Emergency Procedures/Environmental Precautions:** Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

**Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:** Do not touch or walk through spilled material. Wear appropriate Personal Protective equipment and clothing to prevent exposure. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## Section 7 - Handling and Storage

**Precautions for Safe Handling:** Wear appropriate personal protective clothing. Wash hands thoroughly after handling. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage, including any incompatibilities:** Store in original container protected from direct sunlight in a dry, cool and well ventilated area away from incompatible materials (refer to Section 10). Keep containers closed and securely sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage of contents. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Ensure that storage conditions comply with applicable local and national regulations.

## Section 8 - Exposure Controls and Personal Protection

**Occupational exposure limit values:** No exposure standards have been established for the mixture.

**Appropriate Engineering Controls:** Natural ventilation should be adequate under normal use conditions. However make sure that the work environment remains clean and that dusts are minimised. Keep containers closed when not in use.

**Individual protection measures, such as Personal Protective Equipment (PPE):**

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that

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gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**RECOMMENDATIONS FOR CONSUMER USE:**

Wear gloves. Avoid inhaling dust. Wash hands after use.

**Section 9 – Physical and Chemical Properties:**

<b>Physical Description &amp; colour:</b>	Blue [powder]
<b>Odour:</b>	Characteristic
<b>Boiling Point:</b>	Not available.
<b>Volatiles:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Flammability (solid, gas):</b>	Not available.
<b>Relative density:</b>	Not available.
<b>pH:</b>	Not available.

**Section 10 - Stability and Reactivity**

**Reactivity:** No information available.

**Chemical Stability:** Stable under ambient and anticipated storage and handling conditions of temperature and pressure.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:** No specific data.

**Incompatible materials:** No specific data.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11 - Toxicological Information**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** No data available.

**Eye contact:** No data available.

**Skin contact:** No data available.

**Inhalation:** No data available.

**Acute toxicity:**

No LD50 data available for the product. This material has been classified as non-hazardous based on acute toxicity estimate.

**Inhalation:** Acute toxicity estimate (based on ingredients): > 20 mg/L

**Dermal:** Acute toxicity estimate (based on ingredients): > 2,000 mg/kg b.w.

**Oral:** Acute toxicity estimate (based on ingredients): > 2,000 mg/kg b.w.

**Skin Corrosion/Irritancy:** May cause skin irritation.

**Serious eye damage/irritation:** Not classified as an irritant.

**Respiratory or skin sensitisation:** Not classified as a sensitiser.

**Chronic effects:**

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** No component contained in this material is listed as carcinogenic according to the International Agency for Research on Cancer (IARC). This material has been classified as non-hazardous.

**Reproductive toxicity:** This material has been classified as non-hazardous.

**Specific Target Organ Toxicity (STOT) - single exposure:** This material has been classified as non-hazardous.

**Specific Target Organ Toxicity (STOT) - repeated exposure:** This material has been classified as non-hazardous.

**Aspiration hazard:** This material has been classified as non-hazardous.

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## Section 12 - Ecological Information

Avoid contaminating waterways.

**Persistence and degradability:** No known significant effects or critical hazards.

**Mobility in soil:** Not information available.

**Bioaccumulative Potential:** Not information available.

## Section 13 - Disposal Considerations

**Disposal:** The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Refer to waste management authority. Dispose of waste according to applicable local and national regulations.

## Section 14 - Transport Information

### Road and Rail Transport:

Not classified as a Dangerous Goods by Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7<sup>th</sup> Edition), and the New Zealand NZS5433: Transport of Dangerous Goods on Land.

### Marine Transport (IMO/IMDG):

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

## Section 15 - Regulatory Information

**Regulatory Information:** Classified as not hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

**SUSMP:** not scheduled.

## Section 16 - Other Information

**Reason(s) for Issue:** New primary SDS

### Acronyms:

<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since The Supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Supplier representative or The Supplier at the contact details on page 1.

The Supplier's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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