

1. IDENTIFICATION

Product identifier

SCOTTS LAWN BUILDER LAWN HEALTH LAWN FOOD

Company name

Evergreen Garden Care Australia Pty Ltd

Address

24-32 Lexington Drive, Bella Vista NSW AUSTRALIA

Phone/Fax number

Tel: 02 8602 9000

Fax: 02 8602 9001

Emergency Phone Number

1800 033 111

Recommended use of the chemical and restrictions in use

Liquid fertiliser

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

Hazard categories

Eye damage/irritation- category 1

Specific target organ toxicity (repeated exposure)- category 2

Pictograms



Signal word:

DANGER

Hazard statements

Causes serious eye damage.

May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

General

Read label before use.

Keep out of reach of children.

If medical advice is needed, have product container or label at hand.

Prevention

Wear eye protection/face protection.

Do not breathe vapours/spray.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTRE/doctor.

Storage

Get medical advice/attention if you feel unwell.

Disposal

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

Poisons classification: Not a scheduled poison.

3. COMPOSITION

Ingredient	CAS number	Concentration
Manganese sulphate monohydrate	10034-96-5	1-5%
Iron sulphate heptahydrate	7782-63-0	<1%
Citric acid monohydrate	5949-29-1	<1%
1,2-Benzisothiazol-3(2H)-one	2634-33-5	<0.1%
Sodium hydroxide	1310-73-2	<0.1%
Ingredients determined to be non-hazardous	-	95-100%

4. FIRST AID MEASURES**Inhalation**

Remove victim from contaminated area and keep at rest in a position comfortable for breathing. Keep at rest until recovered. If symptoms develop and/or persist, seek medical attention. Apply artificial respiration if not breathing.

Ingestion

Wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a doctor or Poisons Information Centre. Phone 13 11 26 (Australia) or 0800 764 766 (NZ).

Skin contact

Wash contaminated area thoroughly with soap and water. Remove contaminated clothing and shoes and wash before reuse. If symptoms develop, seek medical attention.

Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove contact lenses if easy to do so. Continue to rinse for at least 15 minutes. Contact a doctor or Poisons Information Centre. Phone 13 11 26 (Australia) or 0800 764 766 (NZ).

First aid facilities

Eyewash and normal washroom facilities.

Advice to doctor

Treat symptomatically.

Other information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 11 26) or a doctor immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to the surrounding environment.

Hazards from combustion products

Non-combustible material.

Specific fire-fighting instructions

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. This product is non-combustible, however following evaporation of the aqueous component under fire conditions, the remaining material may decompose/burn.

Personal Protective Equipment

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleanup

Spill- Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Other information

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

7. HANDLING & STORAGE

Precautions for safe handling

Before use carefully read the product label. Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**General**

No value assigned for this specific material by Safe Work Australia. For Iron salts, soluble (as Fe):

	Iron salts, soluble (as Fe)	Manganese dust and compounds (as Mn)	Manganese fume, dust and compounds (as Mn)
Safe Work Australia Exposure Standard:	TWA = 1mg/m ³	TWA = 1mg/m ³	-
New Zealand Workplace Exposure Standard:	TWA = 1mg/m ³	-	TWA = 0.2mg/m ³ ; TWA = 0.2mg/m ³ (respirable dust); ototoxin.

Exposure limits

No specific exposure standards are available for this product.

Biological limits

None allocated.

Engineering measures

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Respiratory: If engineering controls are not effective in controlling airborne exposure, then use a properly fitted respirator complying with an approved standard with a replaceable vapour/mist filter. Reference should be made to Australian Standards AS/NZS 1715, *Selection, Use and Maintenance of Respiratory Protective Devices* and AS/NZ 1716, *Respiratory Protective Devices*.

Eye/face protection: Wear eye/face protection. Safety eyewear complying with an approved standard should be used. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Eye protection should conform to AS/NZS 1337 – *Eye Protection for Industrial Applications*.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Occupational protective gloves should conform to AS/NZS 2161.1, *Occupational Protective Gloves- Selection, Use and Maintenance*.

Skin/body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Suitable protective workwear is recommended. E.g. cotton overalls buttoned to neck and wrist. A chemical-resistant apron is recommended when handling large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Odour	No data available
Colour	Dark brown, opaque
pH	2.54
Vapour pressure	No data available
Relative vapour density	No data available
Boiling point	No data available
Melting point	No data available
Freezing point	No data available
Solubility	Soluble
Specific gravity	1.219-1.239
Flash point	No data available

10. STABILITY AND REACTIVITY

Reactivity

Based on the composition, not expected to be reactive.

Chemical stability

The product is stable under recommended conditions of storage.

Hazardous reactions

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

Conditions to avoid

No specific data.

Materials to avoid

Incompatible with combustible materials and reducing agents (e.g. sulphites).

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. May evolve nitrogen oxides when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Toxicological data is not available for the substance.

Acute toxicity: May cause irritation to the gastro-intestinal tract- nausea, vomiting.

Skin corrosion/irritation: May cause skin irritation- itching, redness, pain, swelling, rash, dermatitis.

Eye damage/irritation: Causes serious eye damage.

Respiratory/skin sensitisation: Not expected to be a respiratory or skin sensitiser.

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Reproductive toxicity: No known significant effects or critical hazards.

STOT (single exposure): No known significant effects or critical hazards.

STOT (repeated exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecotoxicity data is available for the mixture. No known significant effects or critical hazards.

Persistence/degradability

Not available.

Mobility

Not available.

Environmental fate

Not available.

Bioaccumulation potential

Not expected to be bioaccumulative.

Environmental impact

Plant nutrients may be beneficial to plants at low levels, however high levels may cause reduced growth or burns in sensitive species. Excess may be washed through soil to waterways. Nutrients released to waterways may cause algal blooms, with potential toxic effects on aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Method of disposal

Product: The generation of waste should be avoided or minimized 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.

Packaging: The generation of waste should be avoided or minimized wherever possible. Industrial Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions for landfill

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

Not classified as dangerous goods for transport by sea (IMDG), air (IATA) or land in Australia (ADG Code).

15. REGULATORY INFORMATION

Poisons Schedule: Not a scheduled poison.

16. OTHER INFORMATION

Revision date: 5 June 2025

Key:

ADG Australian Dangerous Goods Code for the transport of dangerous goods by road and rail.

AICS Australian Inventory of Chemical Substances.

CAS Chemical Abstract Service (registry number)

TWA time weighted average

UN United Nations.

Notice: To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.