

SAFETY DATA SHEET



Date of Issue: July 2025

1. IDENTIFICATION

Product Name	Express Manganese	
Product Code	None	
Recommended Use	Agricultural trace element (manganese) additive.	
Supplier Name	Eco Growth WA	Eco Growth QLD
Address	75 Postans Road Hope valley Western Australia 6165	540 -604 Warrego Highway North Tivoli Queensland 4305
Phone Number	+61 8 9417 9101	+61 7 3282 7166
Email	info@ecogrowth.com.au	admonqld@ecogrowth.com.au
Website	www.ecogrowth.com.au	
Emergency Phone Number	13 11 26 (Poisons Information Centre)	

2. HAZARDS IDENTIFICATION

Classification	Not classified as hazardous according to the criteria of the Globally Harmonised System (GHS) of classification and labelling of chemicals.
Label Elements	
Signal Word	None required
Pictograms	None required
Hazard Statements	None required

3. COMPOSITION AND INFORMATION ON INGREDIENTS

None of the ingredients in this product are classified as hazardous according to the criteria of the Globally Harmonised System (GHS) of classification and labelling of chemicals.

4. FIRST AID MEASURES

Description of Necessary First Aid Measures

Inhalation	If inhaled, remove from contaminated area. If respiratory symptoms persist, get medical attention.
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Skin Contact

If skin contact occurs, remove contaminated clothing and wash with non-abrasive soap and water. If skin irritation occurs, get medical advice.

Eye Contact

If in eyes, immediately flush with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for 5 minutes or until product is removed. If eye irritation persists, get medical attention.

Ingestion

Rinse mouth with water and drink a glass of water (250mL). Do not induce vomiting. Get medical attention if ill effects develop.

Symptoms Caused by Exposure

See Section 11 for more detailed information on health effects and symptoms.

Medical Attention and Special Treatment

Treat symptomatically.

5. FIRE FIGHTING MEASURES**Suitable Extinguishing Equipment**

Not a combustible material. Use extinguishing media appropriate to the surrounding fire.

Specific Hazards Arising from the Chemical

Only small quantities of decomposition products are expected from this product at the temperatures normally achieved in a fire. This will only occur after product is heated to dryness.

Special Protective Equipment and Precautions for Fire Fighters

Contain runoff from fire control. Use water fog or spray to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Small spills do not normally require any special cleanup procedures. In the event of a large spill, wear Personal Protective Equipment (PPE) as specified in Section 8 of this Safety Data Sheet. Clear area of all unprotected personnel. Contact Emergency Services if appropriate.

Environmental Precautions

In the event of a large spill, prevent entry into drains and waterways.

Methods and Materials for Containment and Cleaning Up.

For minor spills, dilute and flush away with copious amounts of water. For large spills, contain spillage, then cover / absorb spill with absorbent material (sawdust, vermiculite, sand, earth, or similar), collect and place in suitable containers for disposal. Wash contaminated area with water.

7. HANDLING AND STORAGE**Precautions for Safe Handling, including any Incompatibilities**

Before use, read all Safety Information, including Directions for Use on the label. Use safe work practices to avoid eye or skin contact. Wash hands after use. DO NOT MIX with other agrichemicals such as herbicides, insecticides or fungicides. Wash personal protective equipment after use.

Conditions for Safe Storage

Store in a cool, dry, well-ventilated area in the original container. Keep container tightly closed when not in use. Check regularly for leaks or spills.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Control methods**

No exposure standard has been established for this product.

Biological Monitoring

Not required.

Engineering Controls

Use in well-ventilated areas.

Individual Protection Measures - Personal Protective Equipment (PPE)**Respiratory Protection**

Not required under normal conditions of use.

Skin Protection

Clothing should include long sleeves, long trousers, safety boots and gloves. Recommended glove types include PVC, rubber, latex or nitrile (AS 2161).

Eye and Face protection

Wear safety glasses with side shields or splash-proof chemical goggles.

Where PPE is to be used, ensure that workers have been instructed and trained in use, storage and maintenance of equipment. All PPE should meet relevant Australian Standards for the article in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown liquid
Odour	Mild, characteristic odour
pH (neat)	7.0 to 7.5
Melting Point / Freezing Point	<0°C
Flammability	Not combustible
Specific Gravity (20°C)	Approx. 1.28
Solubility in water	Soluble

10. STABILITY AND REACTIVITY**Reactivity**

Stable under normal conditions of storage and handling.

Chemical Stability

Stable under normal conditions of storage and handling.

Possibility of Hazardous Reactions

No hazardous reactions under normal conditions of storage and handling.

Conditions to Avoid

Avoid prolonged storage below 4°C or above 30°C. Store out of direct sunlight.

Incompatible Materials

Incompatible with strong bases, reducing agents, zinc, tin, aluminium and their alloys.

Hazardous Decomposition Products

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Decomposition products include carbon and nitrogen oxides, smoke and other irritating and toxic gases.

11. TOXICOLOGICAL INFORMATION**Information on Possible Routes of Exposure**

Inhalation:	Inhalation of spray mist may cause mild upper respiratory tract irritation. Unlikely to cause anything more than mild transient discomfort.
Skin contact:	Available data indicate that this product is not harmful. and should present no hazards in normal use. However, repeated or prolonged contact may be irritating, but are unlikely to cause anything more than mild transient discomfort.
Ingestion:	Not acutely toxic. Ingestion may cause transient irritation including nausea and abdominal discomfort.
Eye contact:	May cause mild irritation but is unlikely to cause anything more than mild transient discomfort.
Chronic effects:	There is no data available for long-term effects to exposure.

Acute Health Effects

Inhalation	Not classified.
Skin	Not classified.
Eye	Not classified.
Ingestion	Not classified.
Skin Corrosion / Irritation	Not classified.
Serious Eye Damage / Irritation	Not classified.
Respiratory or Skin Sensitisation	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive Toxicity	Not classified.
Specific Target Organ Toxicity (STOT) – single exposure	Not classified.
Specific Target Organ Toxicity (STOT) – repeated exposure	Not classified.
Aspiration Hazard	This product does not present an aspiration hazard.

Chronic Health Effects	None known..
Existing Conditions Aggravated by Exposure	None known
Additional Toxicological Information	No data

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not hazardous when applied to soil at the recommended rates. In its concentrated form, this product may have short term negative impact on soil, animals and plants. The concentrated product may be harmful to aquatic organisms with short term adverse effects. The concentrated product and the used containers should not be allowed to enter the aquatic environment.

Persistence and Degradability

Components are naturally occurring minerals commonly found in healthy soils.

Bioaccumulative Potential

None of the ingredients in this product have the potential for bioaccumulation.

Mobility in Soil

Low soil mobility under normal environmental conditions.

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

If possible, product should be collected and reused for its intended purpose. If contaminated with other materials, product must be disposed of to an approved landfill site in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as a dangerous good by the criteria of the ADG code, IMDG or IATA

UN Number	None allocated.
Proper Shipping Name or Technical Name	None allocated.
Transport Hazard Class	None allocated.
Packing Group	None allocated.
Subsidiary Risk(s)	None allocated.

Environmental Hazards for Transport Purposes	None allocated.
Special Precautions for User	None.
Additional Information	None
Hazchem Code	None allocated.

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

All components are listed on the Australian Inventory of Industrial Chemical Substances (AIIC) or are exempt. Not classified under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP).

16. OTHER INFORMATION

Additional Information

The effects from exposure to this product depend on several factors including frequency and duration of use, the amount used, control measures adopted, protective equipment used and method of use. It is impractical to prepare a data sheet that encompasses all possible situations; therefore, it is anticipated that users will assess the risks and apply control methods as appropriate.

Report Status

This document is based on the best available information at the time 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, Eco Growth 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.

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End of Report