

SAFETY DATA SHEET




Date of Issue: August 2025

1. IDENTIFICATION

Product Name	Express iron	
Product Code	None	
Recommended Use	Agricultural trace element (iron) 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	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Label Elements	
Hazard Categories	Skin Corrosion / irritation, Category 2 Eye Damage / Irritation, Category 2B Specific Target Organ Toxicity (Single Exposure), Category 3
Signal Word	WARNING
Pictograms	
Hazard Statements	Causes skin irritation. Causes eye irritation. May cause respiratory irritation.

Precautionary Statements

Prevention	Wash contacted areas thoroughly after handling. Wear protective gloves, eye protection/face protection. Avoid breathing spray mist. Use only outdoors or in a well-ventilated area.
Response	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice / attention. Take off contaminated clothing and wash it before reusing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor, if you feel unwell.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	If product cannot be used or recycled, dispose of product to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS for further information).

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
Iron as iron chelate	No data	1 - 5%
Ethanolamine	141-43-5	5 – 10%
Non-hazardous ingredients including water		to 100%

4. FIRST AID MEASURES**Description of Necessary First Aid Measures**

Inhalation	If irritation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or remove victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash affected area thoroughly with mild soap and water until product is removed. Remove contaminated clothing, shoes and leather goods (such as watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and get medical attention.
Eye Contact	If eye contact occurs, rinse immediately with plenty of water. Remove contact lenses if present and easy to do. Keep eye(s) wide open while rinsing. Obtain immediate medical attention.

Ingestion

DO NOT INDUCE VOMITING. Wash mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician or contact a Poison Information Centre on 13 11 26 (Australia Wide).

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

If liquid boils dry during a fire, residue may decompose or burn and will emit toxic fumes.

Special Protective Equipment and Precautions for Fire Fighters

Evacuate area and contact emergency services. Toxic gases may be present in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combatting fire. Use water fog or spray to cool intact containers and nearby storage areas.

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

Clean up spills immediately to prevent further accidents. In the event of a large spill, wear suitable protective clothing, including gloves and eye protection (see Section 8).

Environmental Precautions

Keep product away from drains and surface/ground water and/or flow channels.

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 locked up 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

This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is recommended.

Individual Protection Measures - Personal Protective Equipment (PPE)

Eye and Face protection	Wear splash-proof chemical goggles (AS 1336 / 1337) or face shield.
Skin Protection	Clothing should include long sleeves, long trousers, safety boots and gloves. Recommended glove types include PVC, rubber, latex or nitrile (AS 2161).
Respiratory Protection	<p>Not required under normal conditions of use. However, if an inhalation risk exists, wear an approved respirator complying with AS 1715/1716.</p> <p>In general, respirator use should be limited, and engineering controls used to minimise exposure. If respirators must be worn, ensure adequate respirator selection and training is undertaken. Some respirators are extremely uncomfortable to wear for extended periods. Air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.</p>

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	Golden brown liquid.
Odour	Mild characteristic odour
pH (neat)	4.5 to 5
Melting Point / Freezing Point	<0°C
Boiling Point	>100°C
Flammability	Not combustible
Specific Gravity at 20°C	Approx. 1.25
Solubility in water	Soluble

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of storage and handling (4 to 40°C).

Chemical Stability

Stable under normal conditions of storage and handling (4 to 40°C).

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 oxidising agents , reducing agent and bases.

Hazardous Decomposition Products

In a fire, product will decompose if heated to dryness emitting irritating and toxic gases including oxides of carbon and nitrogen.

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

Inhalation:	This product is an inhalation irritant. Symptoms may include headache, irritation of nose and throat and increased secretion of mucous in the nose and throat. Other symptoms may also become evident, but they should disappear after exposure has ceased.
Skin contact:	This product is a skin irritant. Symptoms may include itchiness and redness at the site of contact. If treated promptly, ill-effects are not likely to persist.
Ingestion:	Product is not acutely toxic. May cause nausea, vomiting and gastrointestinal irritation if ingested in large amounts. May cause irritation to mouth and throat. If treated promptly, ill-effects are not likely to persist.
Eye contact:	This product is an eye irritant. Symptoms of exposure include stinging and reddening of eyes and watering which may become copious. Other symptoms such as swelling of eyelids and blurred vision may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.
Chronic effects:	No data available for long term exposure by any route.

Acute Health Effects

Inhalation	Not classified.
Ingestion	Not classified.
Skin Corrosion / Irritation	Causes skin irritation.
Serious Eye Damage / Irritation	Causes eye irritation.
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	May cause respiratory irritation.

Specific Target Organ Toxicity (STOT) – repeated exposure	Not classified.
Aspiration Hazard	Not 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 is considered 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

All ingredients are expected to degrade rapidly under normal environmental conditions.

Bioaccumulative Potential

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

Mobility in Soil

Low soil mobility under normal environmental conditions.

Other Adverse Effects

Ensure appropriate measures are taken to prevent this product from entering the environment in concentrated form. Do not allow this product or the used containers to contaminate waterways.

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.

Do not contaminate ponds, waterways or ditches with the product or used container. Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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. Schedule 5 Poison 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