

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Product name: TX Trace
 Company name: Terralift Australia Pty Ltd
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2. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use

Classification: None
 Ingestion: Low hazard
 Eye contact: Possible irritation
 Skin contact: Possible irritation
 Skin absorption: Low hazard
 Inhalation: No known hazards provided levels are kept within occupational exposure limits.
 Occupational Exposure Limits: Recommend a total inhalable dust standard for nuisance dust of 10 mg/m³ as an 8 hour Time Weighted Average.
 Manganese oxide 1 mg/m³ (Inh) 8hr TWA
 Ferrous sulphate 1 mg/m³ (Inh) 8hr TWA
 Copper sulphate not set
 Zinc sulphate not set

3. COMPOSITION / INFORMATION ON INGREDIENTS

Not classified as hazardous according to the criteria of Worksafe Australia.

Chemical name	CAS number	Proportion
Manganese oxide	1313-13-9	1-10%
Ferrous sulphate	7782-63-0	1-30%
Copper sulphate	7758-98-7	1-10%
Zinc sulphate	7733-02-0	1-10%
Other non-hazardous ingredients	-	to 100%

Product description: Soil amendment granules for turf root-zones
 Intended use: For professional use as a turf/garden fertiliser

4. FIRST AID MEASURES

Accidental over-exposure may require the following actions:

Ingestion: Rinse out mouth with plenty of water and seek medical aid immediately.

Eye Contact:	Irrigate with water thoroughly and seek medical advice.
Skin Contact:	Wash with soap and water. Remove and wash contaminated clothing.
Inhalation	Remove to fresh air and seek medical aid.

5. FIRE FIGHTING MEASURES

Not flammable. May produce fumes if heated.

Protection of fire fighters:	Use personal protective equipment
Additional information:	Drench with water if fumes emitted. Do not breathe fumes. Use water, water spray, dry powder, foam or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Refer to Section 8 (Exposure controls/personal protection). Spilled material may cause surfaces to become slippery in damp conditions.
Environmental precautions:	Prevent material or washings entering water courses
Clean-up method:	Sweep up spills carefully to minimise dust/spread of material. Transfer to heavy-duty plastic bags or drums and keep safe for disposal.

7. HANDLING & STORAGE

Store in original containers, tightly closed in a secure, well ventilated, dry area.

Shelf life:	2 years
Product packaging:	20 kg polythene bags
Special precautions:	None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Not required unless working in a confined space. If exposure is likely to exceed OEL concentrations, use a combination particle/vapour filter mask (minimum 10 times OEL)
Hand protection:	Protective gloves recommended
Eye protection:	Not required
Skin protection:	Suitable work wear
Work / Hygienic practices:	Wash hands before eating or drinking

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Homogenous granule
Appearance / odour:	Brown, light odour
pH:	6.5 – 7.2
Flash point:	Not applicable
Flammability:	Non flammable
Explosive behaviour:	Not applicable
Oxidising properties:	Non-oxidising
Vapour pressure:	No data available

Specific gravity:	1100g/l
Water solubility:	Mostly soluble
Other data:	None

10. STABILITY & REACTIVITY

Stable under normal conditions.

Conditions to avoid:	Extremes of temperature
Incompatible with:	Can act as a reductor when in contact with strong oxidizing agents
Hazardous decomposition products:	If heated to decomposition emits toxic fumes of sulphur oxides

11. TOXICOLOGICAL INFORMATION

Ingestion:	Large doses in humans can cause severe liver damage.
Skin contact:	No standard test data available, no evidence to suggest acute toxicity associated with skin exposure
Eye contact:	Irritation to eyes may occur

12. ECOLOGICAL INFORMATION

Ecotoxicity:	May have some effect on aquatic organisms.
Mobility:	Mostly soluble
Persistence and degradability:	Unlikely to accumulate in the environment.
Bio accumulative potential:	Low
Other adverse effects:	None

13. DISPOSAL CONSIDERATIONS

Dispose of waste through a waste disposal contractor in accordance with local laws.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport

15. REGULATORY INFORMATION

Hazard code:	Not classified as dangerous for supply
Registration Number:	Not applicable

16. OTHER INFORMATION

The information given in this publication should be considered a guide only, and not a warranty or representation for which we assume a legal responsibility. It is the responsibility of the user to determine the accuracy and applicability of such information and the suitability of any product for its own particular purpose. The buyer and user assume all risk and liability of storage conditions or locally applicable laws or government regulations.

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