

SAFETY DATA SHEET

PRODUCT NAME: TRACE ELEMENTS MIX

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): None.
Recommended use: Fertiliser.
Supplier: Baileys Fertilisers
Address: PO Box 261
 Rockingham
 Western Australia 6968
Telephone: (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)
Emergency Contact: W.A. Poisons Information Centre on 131126
Facsimile: (08) 9439 1068
Email: baileys@baileysfertiliser.com.au
Website: baileysfertiliser.com.au

2. HAZARD IDENTIFICATION

1. GHS Classification: Not hazardous according to Australian criteria of the Globally Harmonised System of classification and labelling of chemicals (GHS).

2. Signal Word: **DANGER**

3. Hazard Symbol:



4. Hazard Categories: H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H411 Toxic to aquatic life with long-lasting effects.

5. Hazard Statement: P302+P352 IF ON SKIN: Wash with plenty of soap and water.

6. Precautionary Statements:

Prevention: P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P265 Wash thoroughly after handling.
 P271 Use only outdoors or in a well ventilated area.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response: P305+P338+P351 IF IN EYES: Remove contact lenses if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
 P310 Immediately call a POISON CENTRE/ doctor if you feel unwell.
 P313+P337 If eye irritation persists: Get medical advice/attention.
 P391 Collect spillage.
Storage: P403+P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal: P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Iron sulphate monohydrate	7782-63-7	55 – 60
Gypsum	7778-18-9	15 – 20
Magnesium sulphate heptahydrate	10034-99-8	10 – 15
Borax	1303-96-4	0 – 1
Zinc oxide	1314-13-2	1 – 5
Manganese sulphate monohydrate	7785-87-7	1 – 5
Copper sulphate pentahydrate	7758-99-8	1 – 5
Sodium molybdate	7631-95-0	0 – 1

4. FIRST AID MEASURES

Eye Contact: Irrigate immediately with cold running water and if irritation persists, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact: Wash with soap and water. Seek medical attention in event of irritation.

Inhalation: Remove from exposure and if irritation persists, seek medical attention.

Ingestion: Rinse and wash mouth with water. If swallowed, do not induce vomiting. Seek medical attention if abdominal symptoms occur. Poison Information Centres (131126) in each state's capital city can provide additional assistance.

First Aid Treatment and note to physician: Treat symptomatically. Skin abrasions and sores may be aggravated by exposure. Inhalation of dust may aggravate asthma.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable product.

Extinguishing Media: Water spray or dry powder, foam and carbon dioxide extinguisher. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

Fire/Explosion Hazard: Non-combustible solid.

Hazchem Code: Not available.

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Carefully sweep up and shovel into suitable containers for reuse/recycle or disposal at an approved waste disposal site. Wear suitable protective clothing and personal protection.

7. HANDLING AND STORAGE

Handling: Use as instructed, ensuring safe work practices are followed that avoid eye or skin contact, or inhalation.

Storage: Store in a cool, dry well-ventilated area, away from alkaline materials.

Other information: None.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standard:	Time Weighted Average (TWA): 10 mg/m ³ Short Term Exposure Limits (STEL): Not set.
Biological Limit Values:	No biological limit allocated.
Engineering Controls:	Use only in a well ventilated area and manage dust levels.
Personal Protective Equipment:	Wear gloves, safety boots, protective clothing and safety glasses with side shields. In dusty conditions use a respirator of class P1.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Ivory powder mixed with fine blue and white crystals.
Bulk Density:	1.41 g/cm ³ .
Odour:	Minimal odour.
pH:	Not applicable.
Boiling Point:	Not applicable.
Melting Point:	Not available.
Vapour pressure:	Negligible at ambient temperatures.
Flash point:	Non-flammable.
Flammability limits:	Non-flammable.
Solubility in water:	Reasonably soluble in water.
Other:	None.

10. STABILITY AND REACTIVITY

Chemical Stability:	Material is stable under normal storage and handling conditions.
Conditions to avoid:	Extreme heat.
Incompatible materials:	Incompatible with oxidizing agents, and alkaline products.
Decomposition products:	May evolve toxic phosphates and sulphates.
Hazardous reactions:	Hazardous polymerization reactions will not occur.

11. TOXICOLOGICAL INFORMATION

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

Ingestion:	Swallowing may result in irritation of the gastrointestinal tract.
Eye contact:	This product can cause severe damage to the eyes.
Skin contact:	Repeated or prolonged skin contact may lead to irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Sensitization hazard:	Not classified as a skin sensitizer.
Long Term Effects:	No information available for the product.
Carcinogenicity:	Not classified as a carcinogen.
Mutagenic Data:	Not classified as a mutagen.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment. Avoid contaminating waterways, as these nutrients in water sources may cause excessive algal growth.

Persistence and degradability: This product is a fertiliser and will react in the soil as such.

Mobility: Fertiliser nutrients are soluble and will leach in soil, and dissolve/disperse in water.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with local regulations, to an approved landfill site. Do not incinerate.

14. TRANSPORT INFORMATION

UN Number:	N/A	UN Proper Shipping Name:	N/A	Class and Subsidiary Risk(s):	N/A
Packing Group:	N/A	Special precautions for user:	None	Hazchem code:	N/A

Marine pollutant.

15. REGULATORY INFORMATION

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Baileys Fertilisers has taken all due care to provide accurate and up-to-date information but does not provide a warranty concerning this information. It is the users' responsibility to assess the circumstances of use and assess the risks in any given situation.