

SAFETY DATA SHEET

PRODUCT NAME: LIQUID TRACE & FULVIC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): None
Recommended use: Liquid fertiliser
Supplier: Baileys Fertilisers
Address: 24 Beach St
 Kwinana Beach
 Western Australia 6167
Telephone: (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)
Emergency Contact: Poisons Information Centre on 13 11 26
Facsimile: (08) 9439 1068
Email: baileys@baileysfertiliser.com.au
Website: baileysfertiliser.com.au

2. HAZARD IDENTIFICATION

1. GHS Classification: Hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

2. Signal Word: **DANGER**

3. Hazard Category: Eye Damage Category 1
 Reproductive Toxicity Category 1
 Specific Target Organ Toxicity (Repeat Exposure) Category 2
 Skin Irritation Category 3
 Aquatic Toxicity Acute Category 2
 Aquatic Toxicity Chronic Category 2

4. Hazard Symbol:



5. Hazard Statement: H318 Causes serious eye damage
 H360 May damage fertility or the unborn child
 H373 May cause damage to organs through prolonged or repeated exposure
 H316 Causes mild skin irritation
 H401 Toxic to aquatic life
 H411 Toxic to aquatic life with long lasting effects

6. Precautionary Statements:

Prevention: P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe fumes / mist / vapours / spray.
 P280 Wear eye protection / face protection.
 P281 Use personal protective equipment as required.

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Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
 P308 + P313 IF exposed or concerned: Get medical advice / attention.
 P310 Immediately call a POISON CENTER or doctor / physician.
 P314 Get medical advice / attention if you feel unwell.

Storage: P405 Store locked up.

Disposal: P501 Dispose of container in accordance with local / national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Manganese Sulphate	7785-87-7	2 – 5
Zinc Sulphate	7733-02-0	2 – 5
Copper Sulphate	7758-98-7	0.5 – 2
Iron Sulphate	7720-78-7	2 – 5
Boric Acid	10043-35-3	1 - 3
Non-hazardous materials	N/A	Remainder

4. FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

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. Seek medical attention if abdominal symptoms occur. Poison Information Centres (13 11 26) can provide additional assistance.

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

Hazchem Code: Not available.

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Wear suitable protective clothing and personal protection. Mop up with an absorbent and carefully sweep up and shovel into suitable containers for reuse/recycle or disposal.

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: Keep out of direct sunlight.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standard:	Not applicable.
Engineering Controls:	Ensure adequate natural ventilation. If natural ventilation is not adequate to protect from vapours and mists, ensure mechanical ventilation is available.
Personal Protection:	Gloves, safety goggles and full length clothing are recommended. Where mists are likely to be generated, the use of a particulate respirator is recommended.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown to black coloured liquid.
Bulk Density:	1.1 – 1.3 kg/L.
Odour:	Mild organic odour.
pH:	2.3 – 2.7 (neat).
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:	Soluble.
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 gases such as sulphur oxides, nitrogen oxides, and ammonia.
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:	Exposure to product or mist may cause serious eye damage.
Skin contact:	Repeated or prolonged skin contact may lead to mild irritation.
Inhalation:	Breathing in mist may result in respiratory irritation.
Sensitization hazard:	Not classified as a skin sensitizer.
Long Term Effects:	Classified as causing long term health effects – ensure users are adequately protected from the product.
Carcinogenicity:	Not classified as a carcinogen.
Mutagenic Data:	Classified as a reproductive toxin.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways. 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 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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Disclaimer This document has been prepared by Baileys Fertilisers and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.

While Baileys Fertilisers has taken all due care to include accurate and up to date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Baileys Fertilisers 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 their reliance on the information contained in this SDS.

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End of SDS