

## SAFETY DATA SHEET

**PRODUCT NAME:** LIQUID TRACE & FULVIC

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Other Name(s):** Trace 'n Fulvic; Liquid Trace with Added Fulvic Acid  
**Product Code(s):** L8003; L8004; L8005.  
**Recommended use:** Liquid fertiliser concentrate for fertigation.  
**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:** **WARNING**

**3. Hazard Symbol:**



**4. Hazard Statement:** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

#### 5. Precautionary Statements:

**Prevention:** P261 Avoid breathing mist/vapours/spray.  
P265 Wash thoroughly after handling.  
P271 Use only outdoors or in a well ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTRE or doctor/physician if you feel unwell  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.

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Storage: P405 Store locked up.  
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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Potassium nitrate	7757-79-1	1 – 5
Fulvic acid 85%	479-66-3	1 – 5
Magnesium nitrate tetrahydrate	13446-18-9	10 – 15
Manganese sulphate	10034-96-5	1 – 5
Zinc sulphate heptahydrate	7446-20-0	1 – 5
Copper sulphate pentahydrate	7758-99-8	1 – 5
Iron sulphate heptahydrate	7782-63-0	6 – 10
Boric acid	10043-35-3	1 – 5
Sodium molybdate	10102-40-6	0 – 1
Non-hazardous ingredients	N/A	Remainder

### 4. FIRST AID MEASURES

**Eye Contact:** Immediately lift eyelid and flush eyes with flowing water and completely remove materials by lifting the upper and lower lids. Transport to hospital or doctor. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin Contact:** Remove contaminated clothing and shoes immediately. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

**Inhalation:** If fumes of combustion materials are inhaled, move to fresh air. Go to where fresh air is available. If necessary, provide first aid.

**Ingestion:** Rinse and wash mouth with water. If swallowed, do NOT induce vomiting. Lay patient down in recovery position. Get medical attention immediately.

**Chronic effects from short and long term exposure:**  
May cause eye, skin or respiratory irritation when exposed. Long term exposure of high concentrations may cause lung tissue damage. Ingestion may result in vomiting and severe digestive system irritation or burns. Inhalation may cause respiratory irritation. Eye and/or skin contact may cause irritation and acidic-like effects.

**First Aid Treatment and note to physician:** Treatment may vary depending on incident specifics and the victim's condition.

### 5. FIRE FIGHTING MEASURES

**Flammability:** Non-flammable.

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

**Fire/Explosion Hazard:** May decompose, emitting toxic fumes in a fire. Remain upwind and notify those downwind of hazard.

**Hazchem Code:** Not applicable.

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### 6. ACCIDENTAL RELEASE MEASURES

**Spills and Disposal:** Use absorbent material to absorb liquid spills then carefully sweep up and shovel into suitable containers for reuse/recycle or disposal at an approved waste disposal site. Avoid runoff of spill material into soils, waterways or drains.

### 7. HANDLING AND STORAGE

**Safe Handling:** Wear appropriate PPE (refer to section 8). Use in a well ventilated area. Do not consume food or drink, or smoke, while handling. Wash hands with soap and water after handling.

**Storage:** Store in original container in a cool, dry, well-ventilated area, away from acidic materials. Keep out of reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standard:** Time Weighted Average (TWA): 10 mg/m<sup>3</sup>.  
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 vapour levels.

**Personal Protective Equipment:** Wear gloves, safety boots, protective clothing and safety glasses with side shields. Use a class P1 respirator.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Dark brown liquid.

**Odour:** Characteristic odour.

**Specific gravity:** Approximately 1.24 at 20°C.

**pH:** Approximately 2.5.

**Boiling Point:** Not available.

**Melting Point:** Not available.

**Vapour pressure:** Not applicable.

**Flash point:** Non-flammable.

**Flammability limits:** Non-flammable.

**Solubility in water:** Miscible with 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:** Oxidizing agents, and alkaline products.

**Decomposition products:** May evolve toxic nitrogen oxides and ammonia when heated to decomposition.

**Hazardous reactions:** Hazardous polymerization reactions will not occur.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects 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 the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Skin contact:** Repeated or prolonged skin contact may lead to irritation.

**Inhalation:** Breathing in dust may result in respiratory irritation.

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**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.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid contaminating waterways as 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

**Waste from material:** Reuse or reprocess if possible. May be subject to disposal regulations. Check solution pH to determine disposal restrictions. Dispose in accordance with all applicable regulations.  
**Container Management:** Dispose of container in accordance with applicable local, regional, national and/or international regulations. Container rinsate must be disposed of in accordance with applicable regulations.

### 14. TRANSPORT INFORMATION

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