

# Safety Data Sheet according to WHS Regulations

## 1 Identification

**Product Name:** Trace

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Trace Element Blend liquid fertiliser (soil nutrient)

**Details of Manufacturer:**

Sabrina Hahn – Hort with Heart

2/5 Strang Court

Beaconsfield WA 6162

**Phone Number:** 040 777 5641

**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Statement of Hazardous Nature NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA. NOT A DANGEROUS GOOD ACCORDING TO AUSTRALIAN DANGEROUS GOODS (ADG) CODE, IATA OR IMDG/IMSBC CRITERIA. Risk Phrases: Not Hazardous - No criteria found. Safety Phrases: S36, S24/25. Wear suitable protective clothing. Avoid contact with skin and eyes. SUSMP Classification: None allocated. UN Number: None allocated GHS Signal word: NONE. Not hazardous. PREVENTION P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing. P281: Use personal protective equipment as required. RESPONSE P353: Rinse skin or shower with water. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P370+P378: Not combustible. Use extinguishing media suited to burning materials. STORAGE P402+P404: Store in a dry place. Store in a closed container. P403+P235: Store in a well-ventilated place. Keep cool. DISPOSAL P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview Physical Description & Colour: A mixture of pale coloured granules, & crystals

Odour: Mild to none Major Health Hazards: no significant risk factors have been found for this product.

## 3 Composition and Information on Ingredients

Ingredients	Conc. %	Conc %
Ammonium Sulphate	7783-20-2	100%
Magnesium Sulphate	7487-88-9	
Ferrous Sulphate	7782-63-0	
Manganese Sulphate	7785-87-7	
Zinc Sulphate	7733-02-0	
Copper Sulphate	7758-98-7	
EDTA Fe Na complex	15708-41-5	
Sodium Molybdate	7631-95-0	

# Safety Data Sheet according to WHS Regulations

## 4 First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call. Inhalation: If dusts have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists for more than about 30 minutes, seek medical advice. Skin Contact: Wash affected areas with water until chemical is removed. Remove all contaminated clothing and launder before re-use. If in doubt obtain medical advice. Eye Contact: Immediately irrigate with copious amounts of lukewarm, gently flowing water for 15 – 20 minutes or until the product is removed or irritation has ceased, while holding the eyelid(s) open. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Ingestion: Give a glass of water if affected person able to drink. Do not induce vomiting unless instructed to do so by medical advice. Notes to Doctor: Treat symptomatically.

## 5 Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances. Fire Decomposition: Will decompose and emit toxic fumes on heating. Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials. Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. Flash point: Does not burn. Upper Flammability Limit: Does not burn. Lower Flammability Limit: Does not burn. Autoignition temperature: Not applicable - does not burn. Flammability Class: Does not burn.

## 6 Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Dispose of only in accord with all regulations.

## 7 Handling and Storage

Handling: Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling. Also, avoid contact or contamination of product with incompatible materials listed in Section 10. Storage: Store in a cool, dry place away from children and animals or foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use. Store away from farm chemicals e.g. insecticides, fungicides and herbicides. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10.

## 8 Exposure Controls and Personal Protection

### Exposure Standards:

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210. No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems. Ventilation: No special ventilation requirements are normally necessary for this product. However make sure

# Safety Data Sheet according to WHS Regulations

that the work environment remains clean and that dusts are minimised. Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used. Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely. Protective Material Types: We suggest that protective clothing be made from the following: rubber, PVC. Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

## 9 Physical and Chemical Properties

### Appearance:

**Physical Description & colour:** Pale brown

**Odour:** Mild odour.

**Boiling Point:** Not relevant

**Freezing/Melting Point:** No specific data.

**Volatiles:** Not relevant

**Vapour Pressure:** Not relevant

**Vapour Density:** Not relevant

**Density:** Approx 1.2

**Water Solubility:** Completely soluble.

**pH:** No data

**Volatility:** No data.

**Odour Threshold:** No data

## 10 Stability and Reactivity

**Reactivity:** This product is stable under normal temperatures and pressures, when stored and handled in accordance with this SDS Conditions to Avoid: Store away from heat or fire and ignition sources Incompatibilities: Strong oxidising agents. Prolonged contact may cause oxidation of unprotected metals. Fire Decomposition: Will decompose and emit toxic fumes on heating. Polymerisation: Does not occur

## 11 Toxicological Information

**Toxicity Data:** No LD50 data available for this product. Inhalation: Data suggests that this product should present no significant problems to typical persons if used as intended. Dusty conditions may cause mechanical aggravation to respiratory mucous membranes Skin Contact: Data suggests that this product should present no significant problems to typical persons if used as intended. Slight dermal abrasion is possible with prolonged contact. Eye Contact: Dust from this product may cause particulate discomfort to eyes. It is likely to cause mild discomfort such as watering and redness of the eyes. However, this should quickly disappear once exposure is over and is unlikely to cause any significant lasting effects. However, avoid contact with eyes Ingestion: Data suggests that this product should present no significant problems to typical persons if used as intended. Ingestion of large amounts may cause gastrointestinal disorder, nausea, diarrhoea, vomiting, or formation of methaemoglobin Carcinogen Status: SWA: No significant ingredient is classified as carcinogenic by SWA. NTP: No significant ingredient is classified as carcinogenic by NTP. IARC: No significant ingredient is classified as carcinogenic by IARC.

# Safety Data Sheet according to WHS Regulations

## 12 Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Not expected to be an environmental hazard.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

## 15 Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

## 16 Other Information

**Date of Preparation or Last Revision:** Oct 2016

This SDS contains only safety-related information. For other data see product literature. Acronyms: ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail AICS Australian Inventory of Chemical Substances ASCC Australian Safety & Compensation Council CAS number Chemical Abstracts Service Registry Number IARC International Agency for Research on Cancer NOHSC National Occupational Health & Safety Commission NTP National Toxicology Program (USA) SUSMP Standard for the Uniform Scheduling of Medicines & Poisons UN Number United Nations Number

### Disclaimer

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