

# **SAFETY DATA SHEET**

**PRODUCT NAME: ENERGY COMPLETE COMPOUND FERTILISER**

## **1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Other Name(s):** None.  
**Recommended use:** Granulated 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:** **Warning**  
**3. Hazard Category:** Skin Irritation Category 3  
Chronic Aquatic Toxicity Category 3  
Acute Aquatic Toxicity Category 3  
**3. Hazard Symbol:** None applicable.  
**4. Hazard Statement:** H316 Causes mild skin irritation.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

### **6. Precautionary Statements:**

Prevention: P261 Avoid breathing dust.  
P264 Wash hands and skin thoroughly after handling.  
P280 Wear protective gloves.  
Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P312 Call a Poison Centre or doctor / physician if you feel unwell.  
P332 + P313 If skin irritation: Get medical advice / attention.  
Storage: N/A  
Disposal: P501 Dispose of contents/container in accordance with local or national regulations.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Ammonium sulphate*	7783-20-2	0 - 10
Copper Sulphate	7758-98-7	0 - 1
Manganese Sulphate	7785-87-7	0 - 1
Iron Sulphate	7720-78-7	0 - 1
Zinc Sulphate	7733-02-0	0 - 1
Zeolite	1318-02-1	0.1 - 2
Deoderant	N/A	0 - 1
Non-hazardous materials	N/A	Remainder

\*Note: Ammonium sulphate contains the following impurities at levels in the finished product that contribute to hazard classification:

Chemical Name	CAS Number	Contents % w/w
Cobalt Sulphate	10124-43-3	< 0.01
Nickel Sulphate	7786-81-4	< 0.01

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

**Medical Attention and Special Treatment:** 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:** Wear suitable protective clothing and personal protection, including a dust mask or respirator if dust is likely to be created. Prevent from entering waterways or other aquatic environments if possible. 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:** Product is hygroscopic. Contact with moisture is likely to cause handling and corrosion problems.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standard:** 10 mg/m<sup>3</sup> nuisance dust.  
**Engineering Controls:** Ensure adequate natural ventilation, and manage dust levels.  
**Personal Protection:** Wear gloves. When dust is likely to be generated, use a dust mask.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Grey to brown spherical granules.  
**Odour:** Mild odour.  
**Odour Threshold:** Not applicable.  
**pH:** Not applicable.  
**Melting / Freezing Point:** Not applicable.  
**Boiling Point:** Not applicable.  
**Melting Point:** Not available.  
**Flash Point:** Non-flammable.  
**Evaporation Rate:** Not applicable.  
**Flammability limits:** Non-flammable.  
**Vapour pressure:** Negligible at ambient temperatures.  
**Solubility in water:** Reasonably soluble in water.  
**Other:**  
**Bulk Density:** 750 - 850 kg/m<sup>3</sup>.

## 10. STABILITY AND REACTIVITY

**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 nitrogen oxides, sulphur 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 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.  
**Sensitisation hazard:** Not classified as a sensitiser.

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**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, product contains components that cause acute and chronic toxicity in aquatic environments. 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

<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.

As the use of the products described in this document is outside the control of Baileys Fertilisers, we make no representation or warranty concerning the suitability or fitness of this product for any purpose. It is your sole responsibility to ensure that the product will have the qualities and attributes that will make them fit for any ordinary or special purpose required of them, even if that purpose is made known to us at any time. This includes responsibility on your part to conduct in a timely manner all appropriate tests and quality checks on the product and any goods made from them. We disclaim any liability if any products are not suitable or fit for any such purpose.

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**End of SDS**