

# MATERIAL SAFETY DATA SHEET



Accensi Pty Ltd	Date Issued: 23 April 2010
Narangba Qld, 4504	
Ph: (07) 3897 2000	Fax: (07) 3897 2022
<a href="http://www.accensi.com.au">www.accensi.com.au</a>	Product Code: Zinru25-Hepta

## 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** Country Zinc Sulphate Heptahydrate

### COMPANY IDENTIFICATION:

Accensi Pty Ltd  
60 76 Potassium Street  
Narangba, Queensland 4504

**USE:** Fertilizer for Agricultural Purposes

## 2. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	CAS Reg. No.	Conc.
Zinc Sulphate	7733-02-0	100%

Proportion (% weight per weight): VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

## 3. HAZARDOUS IDENTIFICATIONS:

- **Hazardous according to the criteria of Worksafe Australia.**

**POTENTIAL HEALTH EFFECTS:** This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

**EYE:** Moderate eye irritant

**SKIN:** Practically non-irritant to skin, very low hazard.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Inhalation may cause irritation of the nose and throat. May cause coughing and chest discomfort.

**SYSTEMIC** (other target organ): No data available

**CANCER INFORMATION:** The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

**TERATOLOGY** (Birth defects): No data available.

**REPRODUCTIVE EFFECTS:** No data available

**MUTAGENICITY:** No data available

## 4. FIRST AID:

If poisoning occurs, immediately contact a doctor or **Poisons Information Centre (telephone 13 11 26)**, and follow the advice given. Show this Material Safety Data Sheet to a doctor.

**EYE:** Rinse immediately with plenty of water for at least 15 minutes, holding eye open and taking care to rinse under eyelids as well. If irritation persists seek medical attention.

**SKIN:** Wash off skin immediately with soap and plenty of water. Remove all contaminated clothing and shoes. Seek medical advice if irritation persists. Launder contaminated clothing before re-use.

**INGESTION:** Wash out mouth with water. Do not induce vomiting. Keep patient at rest and seek medical advice.

**INHALATION:** If fumes or combustible products are inhaled, remove victim to fresh air. Lay victim down keep warm and rested. Seek medical advice if symptoms are experienced.

- If condition deteriorates and breathing is shallow, or has stopped, ensure airway is clear and apply resuscitation. Transport to hospital immediately.

## 5. FIRE FIGHTING MEASURES:

**FLASH POINT:** Does not burn

**EXTINGUISHING MEDIA:** Not Applicable – Does not burn

**FIRE AND EXPLOSION HAZARDS:** Not Applicable

**FIRE-FIGHTING EQUIPMENT:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES:

### ACTION TO TAKE FOR SPILLS:

In case of spills it is important to take all steps necessary to:

- Avoid eye and skin contact.
  - Avoid contamination of waterways.
1. Keep all bystanders away.
  2. Wear full-length clothing and PVC gloves.
  3. Shovel the spill into drums.

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## 7. HANDLING AND STORAGE:

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool dry place away from direct sunlight. Store away from food and food stuffs for animal or human consumption. Store in its original container well sealed.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION:

**EXPOSURE GUIDELINES:** Exposure values at the TWA (Time Weighted Average) means the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. A time weight average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the ingredients in this product. There is a blanket recommendation of 10mg/m<sup>3</sup> for inspirable dusts or mists when limits have not otherwise been established.

**ENGINEERING CONTROLS:** In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

**RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:** Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Eye washing and shower facilities available.

**EYE / FACE PROTECTION:** Eye protection should be worn. For help in selecting suitable equipment consult AS 1336 and AS/NZS 1337.

**SKIN PROTECTION:** Wear chemical resistant PVC or nitrile gloves. Wear cotton overalls and washable cotton hat. Wear boots. For help in selecting suitable gloves consult AS 2161 For help in selecting suitable clothing consult AS 2919. For help in selecting boots consult AS/NZS 2210

**RESPIRATORY PROTECTION:** Use in well-ventilated area. For help in selecting suitable equipment consult AS/NZS 1715.

## APPLICATIONS AND ALL OTHER HANDLERS:

After handling this product always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** Colourless to slight green powder.

**ODOUR:** No odour

**SOLUBILITY IN WATER:** Soluble

**SPECIFIC GRAVITY:** 2.0

**BOILING POINT:** Decomposes

**CORROSIVENESS:** Corrosive to some metals on prolonged contact.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**INCOMPATIBILITY:** Avoid acids and strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Zinc oxide, oxides of sulphur.

**HAZARDOUS POLYMERIZATION:** This product is unlikely to spontaneously polymerise.

## 11. TOXICOLOGICAL INFORMATION:

No data available.

## 12. ECOLOGICAL INFORMATION:

**ENVIRONMENTAL DATA:** No data available

**ECOTOXICOLOGY:** No data available

## 13. DISPOSAL CONSIDERATIONS:

**DISPOSAL METHOD:** This material may be suitable for landfill. Dispose of only in compliance with local, state and federal regulations.

## 14. TRANSPORT INFORMATION:

**ROAD AND RAIL TRANSPORT:** Not classified as Dangerous Goods by the criteria of the Australian dangerous goods Code (ADG) for the transport by Road and Rail.

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## MARINE TRANSPORT:

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods code (IMDG Code) for transport by sea.

## AIR TRANSPORT:

Not classified as dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for the transport by air.

## 15. REGULATORY INFORMATION:

**POISON SCHEDULE:** S6

### RISK PHRASES:

- R22 – Harmful if swallowed

### SAFETY PHRASES:

- S20 – When using, do not eat, drink or smoke.

## 16. OTHER INFORMATION:

All information in this data sheet is provided in good faith and is believed to be correct. Each user should consider the information in this safety data sheet within the context of their particular application as Accensi Pty Ltd cannot anticipate or control conditions under which this product may be used. Accensi Pty Ltd will not be responsible for any damages arising out of the use or reliance upon the information in this safety data sheet. No expressed or implied warranties are given other than those implied mandatory by Commonwealth, State or Territory legislation.

Please read all labels carefully before use.

Contact: **Emergency Services**  
**Ph: 000**