

## Material Safety Data Sheet – GenSorb

### 1. Identification of Product and Company

**Product Name:** GenSorb  
**Synonyms:** None  
**UN Number:** None allocated  
**HazChem Code:** None allocated

**Supplier:** Labtek Pty Ltd  
**Street Address:** 19 Leonard Cres, Brendale, QLD, 4500  
**Telephone Number:** +61 7 3881 1388  
**Facsimile:** +61 7 3881 3288

### 2. Hazards Identification

Not classified as a hazard according to the criteria of NOHSC Australia.

### 3. Composition, Information on Ingredients

**Product Description:** Moisture and odour control.  
Fine pink sand/gravel blended with characteristic odour.

Ingredient	CAS Number	Proportion
Mineral Earth		>60%
Siliceous Earth	93763-70-3	10 - <30%
Super Absorbent Polymer	9003-04-7	<10%
Liquid Emulsifier		<10%
Vegetable Oil		<10%
Crystalline silica (Quartz)	14808-60-3	<10%
Crystalline silica (Cristobalite)	14464-46-1	<10%

### 4. First Aid Measures

#### General Information:

You should call The Poisons Information Centre if you feel that you have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

**Inhalation:** First aid is generally not required. If in doubt, contact the Poisons Information Centre or a doctor.

**Skin Contact:** Remove and wash affected clothing, wash affected area with soap and water and apply suitable skin protection cream. If irritation or rash persists seek medical advice.

**Eye Contact:** Flush contaminated eye(s) with clean water for 5 minutes or until product is removed. Obtain medical attention if irritation persists or becomes painful.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting. Wash mouth and throat with water. Drink 1-2 glasses of water. If symptoms develop, or if in doubt, seek medical advice.

### **Advice to Doctor**

Base Material is non-toxic and chemically inert. It is however highly absorbent and could have a dehydrating effect if large amounts are ingested rapidly.

Electron photomicrographs have shown that particle shape is generally blocky and sub-rounded rather than sharp and shardy. Implications are that inhaled material would be less irritant than silica dust.

## **5. Fire Fighting Measures**

This Product is non-combustable.

## **6. Accidental Release Measures**

Wear protective equipment to prevent skin and eye contact. Sweep up or vacuum. Spilled product in contact with water or moisture may cause surfaces to become slippery. Collect and seal in properly labelled containers or drums for disposal.

## **7. Handling and Storage**

**Handling advice:** Keep exposure to a minimum. Avoid skin and eye contact and inhalation of product. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed.

**Storage advice:** Store in a cool (10-30°C), dry place and out of direct sunlight. Keep containers closed when not in use. Avoid frost sensitive storage conditions.

## **8. Exposure Controls, Personal Protection**

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.

**Exposure Limits:** Not applicable.

- Eye Protection:** Eye protection such as protective glasses or goggles are required when this product is being used.
- Skin Protection:** Suitable impervious gloves should be worn. Wash hands with soap and water after use.
- Respirator:** Dust masks are required when using this product.
- Ingestion:** Wash hands well with soap and water before smoking, eating, drinking or using toilet.

## **9. Physical and Chemical Properties**

- Appearance:** Fine, pink/brown sand
- Form:** Fine to medium particulates
- Odour:** Characteristic odour.
- Chemical Stability:** Good.
- Melting Point:** <1000°C (may tend to froth and bubble at temperatures in excess of 200°C)
- Solubility in Water:** Absorbs and slurries readily with water.
- Vapour Pressure:** No data
- Vapour Density:** No data
- Volatiles:** No data, expected to be below 100 °C
- Flash Point:** Not Applicable
- Flammability:** Non-flammable
- Explosive Limits:** Non-explosive
- Auto ignition Temp:** Not Applicable
- Specific Gravity:** 1.6 – 1.8 g/cm<sup>3</sup>

## **10. Stability and Reactivity**

**Reactivity:** Will readily absorb moisture, must be stored in a dry, cool place and in sealed air-tight containers. Product can expand markedly if allowed to contact large amounts of moisture.

## **11. Toxicological Effects**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

- Ingestion:** No adverse effects expected. However, this product may be irritating to mucous membranes but it is unlikely to cause anything more than transient discomfort.
- Eye Contact:** May be an eye irritant. May cause physical irritation to the eyes.
- Skin Contact:** Repeated or prolonged skin contact may lead to irritation.
- Inhalation:** Unlikely.

**12. Ecological Information**

No environmental hazards are known for this product.

Do not empty into surface drains or watercourses as the product is highly water absorbent.

Waste product or contaminants need to be expelled into a soil media below ground level to allow natural biological breakdown and incorporation to occur. Once degraded biologically, resulting compounds have no known toxicity.

**13. Disposal Considerations**

Refer to the Waste Management Authority. Normally suitable for disposal at approved land waste sites.

Waste product or contaminants need to be expelled into a soil media below ground level to allow natural biological breakdown and incorporation to occur.

**14. Transport Information**

Not classified as Dangerous Goods.

**15. Regulatory information**

**Classification:** Based on available information, not classified as hazardous.

**Poisons Schedule:** None allocated.

**16. Other Information**