

# Safety Data Sheet (SDS)

Date of Issue: 16/05/2024



## Section 1: Identification

**Product Name:** Calcium Carbonate Powder

**Chemical Formula:** CaCO<sub>3</sub>

**CAS Number:** 471-34-1

**Manufacturer/Supplier:** JCR Solutions

**Address:** Unit 2, 53 Township Drive

**Telephone:** +61 7 5535 1939

**Email:** sales@jcr-solutions.com.au

**Website:** www.jcr-solutions.com.au

**Emergency Telephone Number:** +61 7 5535 1939

**Product Use:** Ingredient in "The Jeweller's Friend"

## Section 2: Hazard Identification

**Classification of the Substance or Mixture:**

Not classified as hazardous according to the Globally Harmonized System (GHS).

## Section 3: Composition/Information on Ingredients

**Chemical Name:** Calcium Carbonate

**CAS Number:** 471-34-1

**Percentage:** 100%

## Section 4: First-Aid Measures

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen.

**Skin Contact:** Wash off immediately with plenty of water.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**Ingestion:** Rinse mouth. Consult a physician if necessary.

## Section 5: Fire-Fighting Measures

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Specific Hazards Arising from the Substance or Mixture:** In case of fire, toxic gases may be formed.

**Special Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus and protective clothing.

## Section 6: Accidental Release Measures

**Personal Precautions:** Avoid dust formation.

**Environmental Precautions:** Do not allow to enter drains or watercourses.

**Methods and Material for Containment and Cleaning Up:** Sweep up and shovel into suitable containers for disposal.

## Section 7: Handling and Storage

**Precautions for Safe Handling:** Avoid contact with skin and eyes.

**Conditions for Safe Storage:** Keep container tightly closed in a dry and well-ventilated place.

## Section 8: Exposure Controls/Personal Protection

**Control Parameters:**

- Occupational Exposure Limit: Not available

**Personal Protective Equipment:** Wear protective gloves, protective clothing, eye protection, and face protection.

## Section 9: Physical and Chemical Properties

**Physical State:** Powder

**Color:** White

**Odor:** Odorless

**pH:** 9 - 10 (10% solution)

**Melting Point:** 825°C (decomposes)

**Boiling Point:** Not applicable

**Flash Point:** Not applicable

**Solubility in Water:** Insoluble

## Section 10: Stability and Reactivity

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Avoid dust formation.

**Materials to Avoid:** Strong acids, strong bases.

**Hazardous Decomposition Products:** Carbon dioxide.

## **Section 11: Toxicological Information**

### **Acute Toxicity:**

- Inhalation: Not expected to be a primary route of exposure.
- Skin Contact: May cause irritation.
- Eye Contact: May cause irritation.
- Ingestion: May cause gastrointestinal irritation.

## **Section 12: Ecological Information**

**Ecotoxicity:** Not expected to be harmful to aquatic organisms.

## **Section 13: Disposal Considerations**

**Waste Disposal Method:** Dispose of in accordance with local regulations.

## **Section 14: Transport Information**

**Regulatory Information:** Not regulated for transportation.

## **Section 15: Regulatory Information**

### **Australian Regulations:**

- AICS (Australian Inventory of Chemical Substances): Listed
- NICNAS (National Industrial Chemicals Notification and Assessment Scheme): Not listed

## **Section 16: Other Information**

**Further Information:** This Safety Data Sheet (SDS) is prepared in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).