



# MATERIAL SAFETY DATA SHEET

## Calcium 175

Date of Issue: January 01, 2011

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

**Product Name:** Calcium 175

**Recommended Use:** Calcium supplement for agricultural use

**Supplier:** Campbells Fertilisers Australasia

**Address:** 18 Raymond Road, Laverton North, Victoria, 3026

**Telephone:** (03) 9931 2211

**Facsimile:** (03) 9931 2201

**Website:** [www.campbellsfert.com.au](http://www.campbellsfert.com.au)

**Emergency Telephone Number:** (03) 9931 2211 (business hours only 8.30 am to 5.00 pm)

### 2. HAZARDS IDENTIFICATION

#### HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

**Hazard Designation:** Classified as hazardous according to the criteria of NOHSC.

**Risk Phrases:** R36 Irritating to the eyes

**Safety Phrases:** S22 Do not breath dust  
S24 Avoid contact with skin

**ADG Classification:** This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6<sup>th</sup> Edition.

**SUSDP Classification:** Exempt from Poison Scheduling

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/v):
<b><i>Components vary between products – see label for specific content information</i></b>		
Calcium chloride	10043-52-4	High
Sodium chloride	7647-14-5	Low
Triethanolamine	102-71-6	Low
Diethanolamine	111-42-2	Low
Alkyl glycoside	-	Low
Water	7732-18-5	To 100

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### 4. FIRST AID MEASURES

***If exposed, concerned or if symptoms persist, get medical attention/advice. If medical advice is needed, have product container or label at hand.***

<b>Inhalation:</b>	Remove person from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
<b>Skin Contact:</b>	Immediately wash contaminated skin with plenty of water. If swelling, redness, blistering or irritation occurs, seek medical advice
<b>Eye Contact:</b>	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.
<b>Ingestion:</b>	Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. Seek medical advice.
<b>First Aid Facilities:</b>	Ensure washing facilities, including an eyewash and shower, are available.
<b>Medical Personnel</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use media and methods appropriate. Waste water should be contained or diluted with large excess.
<b>Hazards from Combustion Products:</b>	None combustible. Can decompose if involved in a fire emitting toxic fumes
<b>Precautions for Fire Fighters:</b>	Fire fighters to wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Containment and Clean Up</b>	Contain and collect spillage. Dispose of contaminated material at an approved landfill or use as prescribed on the label.
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### 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear appropriate PPE as detailed in Section 8. Do not handle until all safety precautions have been read and understood. Avoid breathing dust or spray.
<b>Storage:</b>	Store in a locked, cool, dry place away from foodstuffs.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Standards:</b>	No occupational exposure standards have been established for the product.
<b>Engineering Controls:</b>	Use only in a well-ventilated area. Avoid generating and inhaling dust. Use with local exhaust ventilation or while wearing dust respirator.
<b>Personal Protective Equipment:</b>	<p><i>Eyes:</i> Safety glasses or goggles.</p> <p><i>Gloves:</i> Wear rubber gloves when handling the product. Always wash hands before smoking, eating, drinking or using the toilet.</p> <p><i>Other:</i> Wear overalls</p>
<b>Other Use Precautions:</b>	Do not eat, drink or smoke while using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light brown solution
<b>Odour:</b>	Yes
<b>Vapour Pressure:</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable
<b>Freezing/Melting Point:</b>	Not applicable
<b>Solubility:</b>	Soluble in water
<b>Specific Gravity:</b>	1.36
<b>pH:</b>	8-10
<b>Flash Point:</b>	Not available
<b>Flammability (explosive) Limits:</b>	Not available
<b>Auto-Ignition Temperature:</b>	Not available
<b>Octanol/Water Partition Coefficient:</b>	Not available

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Generally stable
<b>Hazardous Polymerisation:</b>	Will not occur
<b>Conditions to Avoid:</b>	No specific conditions to be noted
<b>Incompatible Materials:</b>	No specific materials noted

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**Hazardous Decomposition Products:** Not known

### 11. TOXICOLOGICAL INFORMATION

#### POTENTIAL HEALTH EFFECTS

**Inhalation:** Inhalation of dust will result in respiratory irritation  
**Skin Contact:** Contact with skin will result in moderate irritation  
**Eye Contact:** Severe eye irritation  
**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain.  
**Other:** No other known health effects.

#### TOXICOLOGY

##### Acute:

**Oral Toxicity:** LD<sub>50</sub> = 1000 mg/kg  
**Dermal Toxicity:** Not available  
**Inhalation Toxicity:** Not available  
**Skin Irritation:** Moderate irritant  
**Eye Irritation:** Severe irritant  
**Sensitisation:** Not available  
**Chronic** No information available

### 12. ECOLOGICAL INFORMATION

**Environmental Fate:** Concentrated or excessive release is likely to have a detrimental effect on the environment. Calcium chloride does not biodegrade or bioaccumulate  
**Mobility:** No data available  
**Persistence / Degradation:** Calcium chloride does not biodegrade or bioaccumulate  
**Ecotoxicological Information:** No data available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal of Waste Method:** Dispose of only by using in accordance with the label instructions or at an approved landfill.  
**Contaminated Packaging:** Render packaging incapable of holding product and dispose of at an approved landfill.



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### 14. TRANSPORT INFORMATION

**UN Number:** Not applicable  
**Proper Shipping Name:** Not applicable  
**Class and Subsidiary Risk:** Not classified as Dangerous Goods for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6<sup>TH</sup> Edition.  
**Packing Group:** Not applicable  
**EPG:** Not applicable  
**Hazchem Code:** Not applicable

### 15. REGULATORY INFORMATION

**SUSDP:** Exempt from Poison Scheduling  
**APVMA:** Exempt from registration  
**State Departments of Agriculture / Primary Industries:** Registration not required  
**Australian Inventory of Chemical Substances (AICS):** All components listed

### 16. OTHER INFORMATION

**Trademark information:**  
**Preparation information:** Prepared by Campbells Fertilisers Australasia  
**Data sources:** Supplier MSDS

END OF MSDS