

**MATERIAL SAFETY DATA SHEET (MSDS)**  
**Addcrete Quick Set**

**MSDS 66**  
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Issue Date 8 May, 2010  
Review Date 19 May, 2014

THIS PRODUCT IS CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

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**IDENTIFICATION**

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Product Name: Addcrete Quick Set

Other Names: Quick Set Liquid

Manufacturer's Product Code: None allocated

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UN Number: None allocated

Dangerous Goods Class & Subsidiary Risk: None allocated

Hazchem Code: None allocated

Poisons Schedule Number: None allocated

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Use: Calcium chloride based liquid. Add mixture for Cement based mixes used to promote rapid hardening of the mix.

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**Physical Description/Properties**

Appearance: Aqueous solution

Boiling Point/Melting Point: 100° C

Vapour Pressure: 10-30mm Hg/1.3-4.0kPa

Specific Gravity: 1.20-1.25

Flashpoint: Not applicable

Flammable Limits: Not applicable

Solubility in Water: No Limits

Further information not relevant

**Other Properties**

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**Ingredients**  
Calcium Chloride

**CAS Number**  
10043-52-4

**Proportion**  
22-28%

Modifying additives

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## HEALTH HAZARD INFORMATION

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### ACUTE HEALTH EFFECTS

#### **Swallowing**

Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulceration.

#### **Eye**

May cause moderate to severe eye irritation with corneal injury, which may be slow to heal.

#### **Skin**

Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation. May cause more severe response if skin is damp and/or abraded, or if material is confined to the skin.

#### **Inhalation**

Non toxic by inhalation. May cause minor irritation.

### CHRONIC HEALTH EFFECTS

Not listed by IARC, NTP or PSHR as a carcinogen.

### FIRST AID TREATMENT

#### **Swallowing**

If swallowed give water to drink. Ring Poison's Information Centre. Seek medical treatment.

NEVER give anything by mouth or attempt to induce vomiting in an unconscious person.

#### **Skin Contact**

Quickly but gently, wipe material off skin. Immediately remove all clothing, including footwear. Wash affected areas thoroughly with flowing water. A shower may be required. Launder contaminated clothing before reuse .If any effects persist seek medical attention.

#### **Eye Contact**

Flush eyes immediately with copious amounts of running water, removing foreign bodies if any, for at least 15 minutes. Seek medical/ophthalmic attention immediately if irritation persists.

#### **Inhalation**

Remove from area. Keep at rest .Wash with water. Seek medical advice if symptoms persist.

#### **Advice to doctor**

Treat symptomatically.

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## PRECAUTIONS FOR USE

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### EXPOSURE LIMITS

***WorkSafe Australia Exposure Standard***

TLV :10mgm<sup>-3</sup> (aerosol) (CaCl<sub>2</sub>)

### MANUFACTURER'S RECOMMENDATIONS

TLV :10mgm<sup>-3</sup> (aerosol) (CaCl<sub>2</sub>)

### ENGINEERING CONTROLS

Ensure adequate ventilation to maintain exposure levels below standards. All work should be carried out in such a way as to minimise exposure to aerosol and repeated skin contact.

### PERSONAL PROTECTION

***Skin***

Personnel involved in working with Rapid Setter for Concrete and Mortar should wear gloves (AS 2161). The use of barrier creams to protect the skin is recommended. Wash clothes regularly and keep separate from other clothes. It is advisable that persons working with Concrete Cleaner should shower and change their clothes, including underwear, after exposure.

***Eyes***

Safely spectacles with side shields or safety goggles and dust masks complying with AS/NZS 1336 should be worn if aerosol is likely to be generated.

***Respiratory***

If aerosol is generated, wear a Class P1 or P2 particulate respirator (AS/NZS 1715 & 1716). Ensure that the respirator is clean and in good working order.

***Flammability***

Not flammable. Does not support combustion of other materials.

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## SAFE HANDLING INFORMATION

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### STORAGE AND TRANSPORT

<i>Storage Temperature:</i>	Room temperature
<i>UN Class:</i>	None allocated
<i>Packaging Group:</i>	None allocated
<i>UN Number:</i>	None allocated
<i>EPG Number:</i>	None allocated
<i>Correct Shipping Name:</i>	None allocated
<i>Storage Advice:</i>	Store in day warehouse conditions in sealed containers as supplied. DO NOT store in metal containers due to the likelihood of rapid corrosion

Transported as non-dangerous goods

### SPILLS AND DISPOSALS

Dispose of in accordance with Federal, State and Local requirements.

### FIRE/EXPLOSION HAZARD

Not Flammable.

### DECOMPOSITION PRODUCTS.

<i>In case of small fire/explosion use:</i>	Not applicable
<i>In case of major emergency:</i>	Water
<i>HAZCHEM CODE:</i>	None allocated
<i>Extinguishant:</i>	Water, or as for other chemicals present
<i>Danger of violent reaction or Explosion?:</i>	No
<i>Protective clothing:</i>	As for other chemicals present
<i>Appropriate measures:</i>	Dilute
<i>Evacuate?:</i>	No

### OTHER INFORMATION

Smoking: Cigarette smoking increases the risk of occupational respiratory diseases. It is recommended that all storage and work areas should be smoke-free zones.

### CONTACT POINT

Addcrete (03) 9775 1745