



Section 1 **Identification of Product and Supplier**

Product Name: **CALCIUM CHLORIDE 35%**

Production No: **4646**

Other Names: Aqueous Calcium Chloride Solution 35%

Use: Water Treatment

Manufacturer: Nowra Chemical Manufacturers P/L Phone: 02 4421 4099 Fax: 02 4421 4932
112 Albatross Rd Nowra NSW 2541 email: sales@nowchem.com.au

Section 2 **Hazards Identification**

Hazardous according to the criteria of NOHSC

R36 Irritating to eyes

Poisons Schedule : n/a

Section 3 **Composition / Information On Ingredients**

Ingredients:	CAS No:	Proportion:
Water	7732-18-5	65%
Calcium Chloride	10043-52-4	35%

Section 4 **First Aid Measures**

For advice, contact a Poisons Information Centre on 131 126 or a doctor

Swallowed: Do NOT induce vomiting. Give a glass of water to drink. If necessary seek Medical Advice.

Eyes: Hold eye open and flush with running water for 15 minutes. If necessary seek Medical Advice.

Skin: Wash thoroughly in water. Remove contaminated clothing and launder before re-use.

Inhaled: Not Applicable

Advice to doctor: Product is an astringent

Section 5 **Fire Fighting Measures**

Extinguishers: Not applicable

Combustion Products: Product is not flammable so will not produce any products of combustion.

Fire PPE: No special requirements are needed.



Hazchem Code: n/a

Section 6 **Accidental Release Measures**

Emergency Procedure: Prevent spillage from spreading by damming with an inert material such as sand or soil. If necessary, notify Emergency Services.

Spills and Disposal: Contain all spills, absorb with inert material and store in labelled drums. Dispose of in landfill. Residues may be washed to sewage system

Section 7 **Handling And Storage**

Storage and Transport: No special requirements needed.

Safe Handling: Wear appropriate protective clothing at all times. Take care handling drums as they may be very heavy.

Section 8 **Exposure Controls / Personal Protection**

Exposure Standards: None applicable

Engineering Controls: No special ventilation required

Personal Protection: Wear safety glasses and PVC or rubber gloves while handling

Section 9 **Physical And Chemical Properties**

Appearance: Pale yellow hazy liquid

Odour: None

pH: 7 - 9

Vapour Pressure: N/A

Vapour Density: Unknown

Boiling Range: 100 deg C

Melting Point: Unknown

Solubility: 100 % in Water

Specific Gravity: 1.375

Flash Point: n/a deg C

Product is not Flammable

Flammability Limits: N/A

Autoignition Temperature: n/a

Volatile Component: 65 %

Viscosity: Less than 100 cSt

Other Properties:

Section 10 **Stability And Reactivity**

Chemical Stability: This product is expected to be completely chemically stable

Conditions to avoid: Avoid very cold (less than 0 deg C) or very hot conditions (over 80 deg C)

Incompatible Materials: Incompatible with aluminium, zinc, tin or their alloys



Hazardous Decomposition Products: None

Hazardous Reactions: None

Section 11 **Toxicological Information**

Acute (short term):

Swallowed: May be harmful if swallowed. May cause gastric irritation. May result in nausea, vomiting and diarrhoea

Eye: Will cause mild short term irritation

Skin: Not an irritant

Inhalation: Not an irritant due to low vapour pressure

Chronic (long term): No information available.

Toxicological Data: No data available

Section 12 **Ecological Information**

Ecotoxicity: Avoid contaminating waterways.

Section 13 **Disposal Considerations**

Disposal of Containers: Containers should be thoroughly rinsed before disposal to land fill or recycling. In addition labels should be defaced to indicate that container has been cleaned.

Section 14 **Transport Information**

UN No: n/a **UN Name:** n/a

D. G. Class: n/a **Sub Risk:** n/a **Pack. Grp:** n/a **Hazchem Code:** n/a

n/a = not applicable (not a dangerous goods)

Section 15 **Regulatory Information**

Hazardous according to the criteria of NOHSC

Hazard Category: Not Applicable

R36 Irritating to eyes

Poisons Schedule : n/a

This material, or its ingredients, are listed on the Australian Inventory of Chemical Substances (AICS)

Section 16 **Other Information**

Modified May 2013

Literature References:



Sources Of Data:

Extra Data:

Abbreviations:

ARDG Australian Guidelines for Transport of Dangerous Goods by Road and Rail

NOHSC National Occupational Health and Safety Commission

n/a Not Applicable

TWA Time weighted average of airborne concentration over an eight-hour working day, for a 5 day working week over an entire life.

STEL Short Term Exposure Limit - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal 8 hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process.

Contact Phone: (02) 4421 4099
ask for technical assistance