



Safety Data Sheet

24TH AUGUST 2016

1. IDENTIFICATION

Product Name:	HY-CLOR SPA WATER HARDENER
Shipping Name:	Calcium Chloride
Product Code:	HYCSPAHard500
UN Number:	None allocated
Other Names:	N/A
Recommended Use of the Chemical and Restrictions on Use:	For raising the Calcium Hardness in spas
Chemical Formula:	CaCl ₂
Supplier:	HY-CLOR AUSTRALIA PTY LIMITED
Street Address:	178 Power Street Glendenning NSW 2761
Telephone Number:	(02) 8805 2400
After Hours Contact:	0404 859 515
Facsimile:	(02) 8805 2401
Email Contact:	help@hyclor.com.au
Emergency Telephone:	13 11 26 (Australia Poisons Information Centre) New Zealand 0800 764 766

2. HAZARD IDENTIFICATION

Classified as hazardous according to the criteria of Safe Work Australia. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code.

SIGNAL WORD: WARNING

Hazard Statement(s):

H320: Causes eye irritation

Prevention:

P102: Keep out of reach of children

P232: Protect from moisture

P233: Keep container tightly closed

P260: Do not breathe dusts

P262: Do not get in eyes, on skin, or on clothing

P281: Use personal protective equipment as required

Product Name: Hy-Chlor Spa Water Hardener

Last Review July 11 2013



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Response:

P337: If eye irritation persists, seek medical advice

P352: Wash with plenty of soap and water

P301+P330+P331: IF SWALLOWED, Rinse mouth, Do NOT induce vomiting

P370+p378: Not combustible. Use extinguishing media suited to burning material.

Storage:

P402+P404: Store in a dry place. Store in a closed container

Disposal:

P501: Dispose of contents to an approved waste disposal plant and containers
To landfill

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Calcium Chloride	10043-52-4	100%

4. FIRST AID MEASURES

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. Australia 13 1126 or New Zealand 0800 764 766. Have this SDS when you call.

Swallowed: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, give further water. Seek medical advice immediately.

Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If symptoms develop seek medical attention.

Eye: If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

Inhaled: If inhaled, remove from contaminated area. If symptoms develop seek medical attention.

Advice to Doctor: Treat symptomatically



5. FIRE FIGHTING MEASURES

Fire and Explosion Hazard: There is no risk of an explosion from this product under normal circumstances.

Extinguishers: If the product is involved in a fire, use extinguishing media suitable for surrounding area.

Fire Fighting Precautions: In confined areas or areas of excessive smoke, fire fighter must wear full protection and self-contained breathing apparatus.

Combustion Products & Other Precautions: None combustible material.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of heat. Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient respiratory protection and full protective clothing to minimize skin and eye exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well, with soap and water. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Handling: Avoid generating dust. Use smallest possible amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet.

Storage: Store in a cool, dry well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from water and incompatible materials. Have appropriate fire extinguishers available in and near the storage area.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits have not been established by Safe Work Australia for this product.

No special equipment is usually needed when occasionally handling small quantities.

Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Clothing: Wear appropriate clothing including chemical resistance apron where clothing is likely to be contaminated.

Skin Protection: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.

Eye Protection: Safety glasses with side shields, goggles or full-faced shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

Respiratory protection: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants.

Personal hygiene: Always wash hands after using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odour:	White to off white granules
pH:	8.0 – 10.0
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Boiling Point/Range:	Not available
Freezing/Melting Point:	Not available
Solubility in water:	42.7g/100g solution
Specific Gravity / Density:	2.15 at 20 °C
Evaporation Rate:	Not available
Ignition Temperature:	Not applicable
Viscosity:	Not applicable



10. STABILITY AND REACTIVITY

Chemical Stability: This product is stable and unlikely to react or decompose under normal Circumstances.

Conditions to avoid: Keep containers tightly closed, containers should be kept dry.

Incompatible Material: Strong acids, strong bases. Heats on contact with water.

Hazardous Decomposition Products : No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.

Polymerisation: This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION

Toxicology Information: There is no data available to indicate any particular target organs

Acute Effects

Swallowed: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Skin: Prolonged or repeated skin contact may lead to allergic contact dermatitis in some individuals. The skin may react by producing redness, irritation, or welts.

Eye: Eye contact may cause mechanical irritation. May result in mild abrasion.

Inhaled: Inhalation of dusts may irritate the respiratory system

Chronic Effects: Not expected to cause chronic health effects.

12. ECOLOGICAL INFORMATION

This product is unlikely to adversely affect the environment.

13. DISPOSAL CONSIDERATIONS

Do not discharge this product to natural waterways, or storm water channels. This product is not a hazardous waste and it can, along with its containers, be disposed to landfill in accordance with local regulations.



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14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/MSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

None available

OTHER INFORMATION

Contact: Any advice, recommendation, information, assistance, or service provided by Hy-Clor Australia in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, this information is given without warranty or representation. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products.

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