



Safety Data Sheet

24TH AUGUST 2016

1. IDENTIFICATION

Product Name:	HY-CLOR PH DECREASER
Shipping Name:	Sodium Bisulphate
Product Code:	HYCPHDHP03x4, HYCPHDSP03x4
UN Number:	None allocated
Other Names:	Sodium Hydrogen Sulphate, Sodium Acid Sulphate
Recommended Use of the Chemical and Restrictions on Use:	Used to lower pH levels in swimming pools
Chemical Formula:	N/A
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.

Poison Schedule: S6

SIGNAL WORD: WARNING

Hazard Statement(s):

H290: May be corrosive to metals

H318: Causes serious eye damage

Precautionary Statement(s):

P102: Keep out of reach of children

P232: Protect from moisture

P260: Do not breathe dusts

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

P270: Do not eat, drink or smoke when using this product

P281: Use personal protective equipment as required

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
Sodium Bisulphate	7681-38-1	90 - 100%
Inert Ingredients		Balance

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: Do not induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek medical attention.

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

Eye: If contact with the eye(s) occurs, wash with copious amounts of water for at least 15 minutes, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical if required.

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

Advice to Doctor: Treat symptomatically



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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

Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient protection to minimize skin and eye exposure. Sweep up material avoiding dust and then transfer material to a suitable container. Wash surfaces well, with soap and water. Seal all wastes in labelled plastic containers for 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.



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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 crystalline solid. Faint acidic odour.
pH:	<1.0
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Boiling Point/Range:	Not available
Freezing/Melting Point:	Not available
Solubility in water:	286g/L (25 Deg C)
Specific Gravity / Density:	2.43 at 20 °C
Evaporation Rate:	Not available

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. Avoid extremes of temperature and direct sunlight.

Incompatible Material: Oxidising agents, chlorites, hypochlorites and sulphites.

Hazardous Decomposition Products: When heated above 240 Deg C, evolves suffocating and toxic fumes.

Polymerisation: This product will not undergo polymerization reactions.



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11. TOXICOLOGICAL INFORMATION

Toxicology Information: Oral LD50 (rat) = 2800mg/kg

Acute Effects

Swallowed: Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

Skin: Skin contact may cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.

Eye: Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

Inhaled: Inhalation of mists or vapours will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

Chronic Effects: No data for health effects associated with long term ingestion.

12. ECOLOGICAL INFORMATION

This product is unlikely to adversely affect the environment.

13. DISPOSAL CONSIDERATIONS

Do not discharge this product to natural waterways, stormwater channels or sewers. This product is not a hazardous waste and it can, in small quantities be disposed to landfill in accordance with local regulations.

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

Poisons Schedule: S6



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OTHER INFORMATION

Contact: Any advice, recommendation, information, assistance, or service provided by Hy-Chlor 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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