## 1. IDENTIFICATION

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| **Product Name:** | **HY-CLOR PH INCREASER** |
| **Shipping Name:** | Sodium Carbonate |
| **Product Code:** | HYCPHISP025 |
| **UN Number:** | None allocated |
| **Approval Number:** | HSR003265 |
| **Other Names:** | Soda Ash |
| **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<br>Glendenning NSW 2761 |
| **Telephone Number:** | (02) 8805 2400 (Aus) 09 973 2477 (Nz) |
| **After Hours Contact:** | 0404 859 515 (Aus) |
| **Email Contact:** | help@hyclor.com.au |
| **Emergency Telephone:** | **13 11 26 (Poisons Information Centre)**<br>**0800 764 766 (New Zealand)** |

## 2. HAZARD IDENTIFICATION

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code.
This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE

**Poison Schedule: S5**

**SIGNAL WORD:** WARNING

**GHS Hazard Statement(s):**

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| Substances that are acutely toxic (oral & inhallation) | Category 4 | 6.1D | Harmful if swallowed or |
| Substances that are irritating to The skin | Category 4 | 6.3A | May cause skin irritation |
| Substances that are irritating to The eye | Category 4 | 6.4A | May cause eye irritation |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Entity | CAS Number | Proportion |
|---|---|---|
| Sodium Carbonate | 497-19-8 | 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:** DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. If symptoms develop 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 approximately 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 to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.
**Advice to Doctor:** Treat symptomatically

## 5. FIRE FIGHTING MEASURES

**Extinguishers:** If the product is involved in a fire, use water spray, foam or a dry agent.
**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. Store in tightly closed containers in a cool, dry place separate from normal work area. 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 suitable labelled containers. Keep containers tightly closed. Store away from water and incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:**
Exposure limits have not been established by Safe Work Australia for this product.
No special equipment is usually needed when occasionally handling small quantities.

**Engineering Measures**: Avoid generating and inhaling dusts. Use in a well ventilated area only. Keep containers in a well ventilated area. Local exhaust ventilations system may be required.

**Personal Protection Equipment**

**Clothing:** Suitable workwear should be worn to protect personal clothing.

**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

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| **Appearance / Odour:** | Greyish white powder |
| **pH:** | 11.5% (1% aqueous solution) |
| **Vapour Pressure:** | Not applicable |
| **Vapour Density:** | Not applicable |
| **Boiling Point/Range:** | Not available |
| **Freezing/Melting Point:** | 851 Deg C |
| **Solubility in water:** | 250g/L (25 Deg C) |
| **Specific Gravity / Density:** | 2.53 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.

**Incompatible Material:** Aluminium, Lead, Magnesium, Iron and Zinc, reacts with strong acids.

**Hazardous Decomposition Products:** Carbon and sodium oxides.

**Polymersiation:** This product will not undergo polymerization reactions.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information:** Oral LD50 (rat) = 4000mg/kg

**Acute Health Effects**

**Swallowed:** Ingestion of large amounts may result in cramps, vomiting, diarrhea and possible circulatory collapse.
**Skin:** Dust or solid can cause mild to moderate irritation. Concentrated solutions can be corrosive, causing severe irritation and burning.
**Eye:** Moderate to severe irritation. Direct contact with solid or concentrated solution may result in permanent injury to eye unless promptly rinsed from eye with water.
**Inhaled:** Irritation of the nose, throat and lungs may occur due to the irritant nature of sodium carbonate. Symptoms may include coughing, sneezing and difficulty breathing.
**Chronic Effects:** Repeated or prolonged skin contact may result in dermatitis and/or ulceration of the skin. Prolonged inhalation may lead to perforation of the nasal septum.

## 12. ECOLOGICAL INFORMATION

No relevant information available

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to relevant local, state and federal government 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

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE

**Poison Schedule: S5**

## 16. 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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