

**1. IDENTIFICATION**

Product Name:	HY-COLOR ALKALINITY INCREASER
Shipping Name:	Sodium Bicarbonate
Product Code:	HYCALISP02, HYCALISP04, HYCALISP10
UN Number:	None allocated
Other Names:	Buffer
Recommended Use of the Chemical and Restrictions on Use:	For raising the Total Alkalinity in swimming pools
Chemical Formula:	N/A
Supplier:	HY-COLOR AUSTRALIA PTY LIMITED
Street Address:	178 Power Street Glendenning NSW 2761
Telephone Number:	(02) 8805 2400 (Aus) 09 973 2477 (Nz)
After Hours Contact:	0404 859 515 (Aus)
Facsimile:	(02) 8805 2401
Email Contact:	help@hyclor.com.au
Emergency Telephone:	13 11 26 (Australia Poisons Information Centre) 0800 764 766 (New Zealand)

2. HAZARD IDENTIFICATION

Classified as none hazardous according to the criteria of Safe Work Australia. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code.

SIGNAL WORD: NONE. Not hazardous

Hazard Statement(s):**Prevention:**

P102: Keep out of reach of children

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

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:

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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 Bicarbonate	144-55-8	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. 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 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

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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.

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, odourless powder
pH: 8.4
Vapour Pressure: Not applicable

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Vapour Density:	Not applicable
Boiling Point/Range:	Not available
Freezing/Melting Point:	Not available
Solubility in water:	Soluble
Specific Gravity / Density:	2.16 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: Acids

Hazardous Decomposition Products: Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and sodium carbonate.

11. TOXICOLOGICAL INFORMATION

Toxicology Information: Oral LD50 (rat) = 4220mg/kg
Oral Lowest toxic dose (human) = 1260mg/kg

Acute Effects

Swallowed: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin: Skin contact may cause mechanical irritation resulting in redness and itching.

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

14. TRANSPORT INFORMATION



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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.

Mr Mark Sheridan
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New Zealand + 64 9 973 2477