



Material Safety Data Sheet

Issue Date: July 25th, 2012

Product Name: Hy-Clor Alkalinity Increaser

Not classified as a hazardous substance according to the criteria of the National Occupational Health and Safety Commission

COMPANY DETAILS

Company Name: HY-CLOR AUSTRALIA PTY LTD
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HAZARD IDENTIFICATION

UN Number: None allocated
UN Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Risk Phrases: None
Safety Phrases: None

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	Synonyms	CAS Number	Concentration
Sodium Bicarbonate	Carbonic acid, Monosodium salt	144-55-8	100%

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White crystalline, odourless powder
pH:	8.4
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Boiling Point / Range:	Not available
Freezing / Melting Point:	Not available
Solubility in water:	Soluble
Specific Gravity / Density:	2.16 (20 °C)
Flash Point:	Not applicable
Lower Flammability Limit:	Not applicable
Upper Flammability Limit:	Not applicable
Ignition Temperatures:	Not applicable

FIRST AID MEASURES

First Aid:	Take a copy of the MSDS to medical advisers if signs or symptoms of overexposure occur and medical attention is required.
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.

FIRE FIGHTING MEASURES

Hazchem Code:	None allocated.
Extinguishers:	Use extinguishing media suitable for surrounding area.
Fire Fighting Precautions:	Fire-fighters should wear full protective clothing and self contained breathing apparatus operated in positive pressure mode.
Combustion Products:	Non combustible material.

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 you local Waste Management Authority.

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.
Incompatibilities:	Acids and oxidizing agents.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.
Personal Protective Equipment	
Clothing:	Wear appropriate clothing including chemical resistant 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. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required with vary according to individual circumstances.
Personal Hygiene:	Always wash hands after using this product.

CONTACT POINT

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, it is provided with a disclaimer for any liability on the part of Hy-Clor Australia Pty Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products. All warranties, guarantees and conditions, other than those expressly stated, and whether implied by statute, common law, custom of the trade otherwise, are to the extent that the law permits expressly excluded.
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