Material Safety Data Sheet

Issue Date: 11TH JUNE, 2014

Product Name: GREEN BLASTER POOL SHOT

Hazardous Substance, NON-Dangerous Goods

IDENTIFICATION

Product Name	GREEN BLASTER POOL SHOT
Shipping Name (CSN)	TRICHLOROISOCYANURIC ACID, DRY-OXIDIZER
Product Code and Size	GRBLSHT0900X6 900GRAM
Recommended Uses	Swimming Pool Disinfectant and Sanitiser
Company Name	HY-CLOR AUSTRALIA PTY LIMITED
Address	5.01, 15 Orion Road
Tel/Fax	Ph: (02) 9498 2925 Fax: (02) 9498 4329
Emergency Contact Number	Business Hours Only (02) 9498 2925 After Hours 0404 859 515 General Information
24 Hour Emergency Contact	If poisoning occurs, contact a doctor or Poisons Information Centre **Australia 131 126** or **New Zealand 0800 764 766**

HAZARDS IDENTIFICATION

Hazard Statement

This material is hazardous according to health criteria on NOHSC Australia

UN Number		None allocated
DG Class		None allocated
Packaging Group		None allocated
Hazchem Code		None allocated
Poisons Schedule		S6
Hazard Category	**Xn**	Harmful
	Xi	Irritant
Risk Phrase(s)		
	R22	Harmful if swallowed
	R31	Contact with acids liberated toxic gas
	R36/37	Irritating to eyes and respiratory system.
Safety Phrase(s)		
	S22	Do not breathe dust
	S24/25	Avoid contact with skin and eyes
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection

S38 In case of insufficient ventilation, wear suitable respiratory equipment

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

Poisons Schedule (Aust): S6

COMPOSITION INFORMATION

Chemical Entity	CAS NO	PROPORTION
Trichloroisocyanuric acid	87-90-1	>60%
Disodium tetraborate pentahydrate	12045-88-4	10%-30%

FIRST AID MEASURES

Inhalation Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. See medical advice if effects persist.

Skin Contact If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor; or for at least 15 minutes and transport to a doctor or hospital.

Ingestion Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs give further water. See immediate medical advice.

Advice to Doctor Treat symptomatically

FIRE FIGHTING MEASURES

Hazchem Code Not Applicable

Extinguisher Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Fire Fighting Procedures Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Hazardous Decomposition Products Not combustible, however material will decompose if involved in a fire. On decomposing may emit toxic fumes, including chlorine, and also oxygen an accelerant.

Other Precautions Non-combustible material. Contact with combustible or organic materials may result in ignition.

ACCIDENTAL RELEASE MEASURES

SMALL SPILLS
Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS
Clear area of all unprotected personnel. Wear protective equipment to prevent eye and skin contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

HANDLING AND STORAGE

Handling	Avoid skin and eye contact and inhalation of dust
Storage	Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in section 10. Store away from sources of heat. Keep containers closed when not in use – check regularly for spills

This material is a scheduled Poison S6 and must be stored, maintained and used in accordance with relevant regulations.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards
No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia)

Engineering measures	Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing appropriate respirator. Chlorine gas vapour is heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal Protection Equipment
Overalls, safety shoes, chemical goggles, gloves, dust ask.

Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dust. If dust exists, wear respirator meeting the requirements of AS/NZS 1716. Available information suggests that gloves made from neoprene or nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Personal Hygiene	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour	White granule with slight chlorine odour
Solubility in Water (25C)	1.28g/100mL
Specific Gravity (20C)	2.07
Relative Vapour Density (air=1)	Not Applicable
Vapour Pressure (20C)	Not Applicable
Flash Point (C)	Not Applicable
Flammability Limits (%)	Not Applicable
Auto ignition Temperature (C)	Not Applicable
Melting Point / Range	226
Boiling Point / Range	Not Applicable
Decomposition Point / Rage	N Av
pH	3.8
Moisture Content (%)	N Av
Molecular Formula	C3Cl3N3O3
Molecular Weight	232.42

STABILITY AND REACTIVITY

Chemical stability This material is thermally stable when stored and used as directed.

Conditions to Avoid Elevated temperatures will result in the material decomposing releasing chlorine gas.

Incompatible Materials Will react with most organic chemicals. Corrosive to most metals in the presence of moisture.

Hazardous decomposition products Oxides of carbon and nitrogen, chlorine, smoke and other toxic fumes.

Hazardous reactions Contact with acids will result in the evolution of chlorine gas.

TOXICOLOGICAL INFORMATION

Toxicology Information No LD50 data available for the product.

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is manhandled and overexposure occurs are :

Acute Effects

Inhalation Material is irritant to mucous membranes and respiratory tract.

Skin contact Contact with skin may result in irritation

Eye contact An eye irritant

Ingestion Harmful if swallowed. Swallowing can result in nausea, vomiting ad irritation of the gastrointestinal tract.

Long term effects No information available for product.

Acute toxicity / Chronic toxicity: No LD50 data available for the product.

ECOLOGICAL INFORMATION

Avoid contaminating waterways

Ecotoxicity No information available

Persistence and degradability No information available.

Mobility No information available.

DISPOSAL CONSIDERATIONS

Refer to State / Territory Land Waste Management Authority.

TRANSPORT INFORMATION

UN Number	None allocated
DG Class	None allocated
Packaging Group	None allocated
Hazchem Code	None allocated
Poisons Schedule	S6

Road and Rail Transport
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail
Marine Transport
Not classified as Dangerous Goods by the criteria if the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport
Not Classified as Dangerous Goods by the criteria if the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS CODE (ADG CODE) FOR TRANSPORT BY ROAD AND RAIL.

REGULATORY INFORMATION

Poisons Schedule (Aust): S6

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

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 or responsibility 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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