

# POISON

KEEP OUT OF REACH OF CHILDREN

FIRE AND EXPLOSION HAZARD

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



## Armour™

### SANITISER & OXIDISER

**ACTIVE CONSTITUENTS:**

530g/kg available CHLORINE (Cl) present as SODIUM  
DICHLOROISOCYANURATE and 150g/kg SODIUM BROMIDE

### DUAL ACTION

Restores sparkling clear water

Controls algae and  
bacteria in outdoor spas

Net contents: 800g

**BioGuard® SPA™ Armour™** is a practical, easy-to-use sanitiser for spas. It dissolves rapidly and completely to provide effective disinfection without leaving cloudiness or insoluble residue in the water. Periodic oxidation with **Armour** destroys organic wastes, such as body oils, cosmetics and perspiration, leaving the water clear and safe to bath in.

#### DIRECTIONS FOR USE

**RESTRAINT:** DO NOT USE THIS PRODUCT IN INDOOR HEATED POOLS OR COMMERCIAL SPA INSTALLATIONS. THIS PRODUCT IS **NOT** SUITABLE FOR SUPER-CHLORINATION.

*Approximate Daily Dosage:* 6–10 grams per 1000 litres. This dosage rate is intended only as a guide to obtain the correct bromine residual as listed in the Required Levels table. Refer to General Instructions for more information.

- This product contains a stabilised chlorine compound. Prior to dosing spa, it is recommended that:
  - The filter system be backwashed and chemically cleaned.
  - The water be tested and balanced by your **BioGuard Approved Retailer**.
- As a *daily sanitiser*: Apply 6–10 grams of **BioGuard SPA Armour** per 1000 litres, adding the product directly to bather-free spa water with circulation system operating. Test for available bromine and repeat dosage at 15 minute intervals until a residual of 2.0ppm is reached in cold water, or 4.0ppm is reached in water above 26°C.
- As an *oxidiser*: To destroy organic wastes, periodic oxidation of spa water is recommended immediately after heavy use, or once a week after moderate use. Apply 25 grams of **Armour** per 1000 litres as often as is required. Bathers should not re-enter spa until bromine residual falls below 6.0ppm.
- Maximum spa water usage temperature is 38°C. Bather time in spas at 38°C should not exceed 15 minutes.

#### REQUIRED LEVELS

LEVEL OF STABILISER* (mg/L)	TOTAL ALKALINITY (mg/L)	MINIMUM FREE BROMINE LEVEL		pH (Optimum Range)
		Cold Water	Above 26°C	
30 - 100	60 - 200	2.0	4.0	7.2 - 7.6

\*Do NOT exceed a concentration of 100mg/L of isocyanurate.

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

#### GENERAL INSTRUCTIONS

The correct level of free bromine should be maintained for several hours prior to and during bathing activity. Bromine levels and pH should be tested daily by use of a reliable test kit using fresh testing reagents. If pH falls below the required level, add **BioGuard SPA Comfort Up™**, if it rises above, add **BioGuard SPA Aquality™**. Dose spa in the evening when not in use.

**WARNING:** If using the **BioGuard SPA Perfect Balance™** pH control system consult your nearest **BioGuard Approved Retailer** first.

Stabiliser levels **MUST** be tested fortnightly by your **BioGuard Approved Retailer** or by use of a reliable test kit. Once stabiliser levels reach 100mg/L, DO NOT use this product until stabiliser falls below that level. INSTEAD use an unstabilised chlorine product to maintain free chlorine levels.

#### CAUTION

**DO NOT USE/RE-USE THIS CONTAINER FOR ANY OTHER PURPOSE.**

**NOT TO BE USED AS A FOOD CONTAINER.**

#### CONTAINER DISPOSAL

Rinse empty container in the spa water before disposal. Dispose of empty container with household waste.

#### SAFETY DIRECTIONS

Highly reactive oxidising chlorine compound. May cause fire and explosion or produce severe burns. Product will irritate the eyes, nose and throat. Avoid contact with the eyes, skin and clothing. Do not inhale dust. Do not allow the product to come into contact with other chemicals, especially acids, or with combustible material such as paper, fabric, sawdust or kerosene. Do not allow to get damp. Use clean containers for dispensing. Do not mix with other chemicals. Do not mix with different types of chlorinating chemicals. Mix with water only. Do not add water to the product – add the product to water, but in case of fire, drench with water. Store undercover in a dry, clean, cool, well-ventilated place away from sunlight. Store and transport in an upright container. In case of spillage, flush with large quantities of water. Wash hands after use.

#### FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone: Australia 131 126, New Zealand 0800 764 766). If swallowed, DO NOT induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

#### MATERIAL SAFETY DATA SHEET (MSDS)

Additional information is listed in the Material Safety Data Sheet.

#### CHEMTURA AUSTRALIA PTY LTD

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#### FOR YOUR NEAREST BIOGUARD APPROVED RETAILER

Phone 1300 313 414 (Aust) or 0508 313 414 (NZ)

[www.bioguard.com](http://www.bioguard.com)

Date of Manufacture:

Batch Number:

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