

# TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA  
T +61 8 9302 4000 | FREE 1800 999 196 | F +61 8 9302 5000

## CALCIUM HYPOCHLORITE Chlorinated Lime (DRY CHLORINE)

### CALCIUM HYPOCHLORITE

Contains 650 g/kg available CHLORINE (Cl) present as CALCIUM HYPOCHLORITE

#### DANGER

**May intensify fire; oxidiser**

**Harmful if swallowed**

**Causes severe skin burns and eye damage**

**Very toxic to aquatic life**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Keep away from heat/sparks/ open flames/hot surfaces.- No smoking Take any precaution to avoid mixing with combustibles. Do not breathe dusts or mists. Wash thoroughly after handling.

EMERGENCY INFORMATION: Spills: Eliminate ignition sources. Wear full protective suit. Prevent entry into waterways. Transfer into clean labelled drums for disposal. Fire: Use water fog or fine spray. Additional information is listed in the Material Safety Data Sheet. IN AN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE



UN 2880 CALCIUM HYPOCHLORITE,  
HYDRATED CLASS 5.1 HAZCHEM 1W PG II



BATCH NO.

101000003 CONTENTS kg nett

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**POISON**  
KEEP OUT OF REACH OF CHILDREN  
FIRE AND EXPLOSION HAZARD  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

## DRY CHLORINE

ACTIVE CONSTITUENT: 700 g/kg available CHLORINE (Cl)  
present as CALCIUM HYPOCHLORITE

*For the control of algae and bacteria in swimming pools*

**DIRECTIONS FOR USE**

	Stabilised Pools	Unstabilised Pools	Free Chlorine Concentration
Daily Dose per 10,000L	50g	50g	Refer to Required Levels table
Initial Shock Treatment	7 x daily dose	2 x daily dose	10-15 mg/L
Super Chlorination	4 x daily dose	2 x daily dose	10mg/L

\*Contains chlorine stabiliser, such as cyanuric acid  
These dosage rates are only a guide to achieve the required levels of free chlorine.  
RESTARTERS DO NOT use this product in spa pool water. DO NOT use in food or foodstuffs dispenser.

**REQUIRED LEVELS**

Type of Pool	Level of Stabiliser mg/L	Total Alkalinity mg/L minimum	Minimum Free Chlorine Level (mg/L)	pH
Unstabilised	Nil	50	1.5	7.3-7.8
Stabilised	30-50	50	2.0	7.3-7.8

Do not exceed a concentration of 50mg/L of hypochlorite.  
NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL.  
UNLESS AUTHORIZED UNDER APPROPRIATE LEGISLATION.

**GENERAL DIRECTIONS**  
The correct level of free chlorine should be maintained for several hours prior to and during swimming activity. Chlorine 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 dry alkali, if it rises above add dry acid or hydrochloric acid. Close pool in the evening when the pool is not in use. Chlorine levels should be tested monthly by your local pool shop or by use of a reliable test kit. During the swimming season Super-Chlorinate once per week, then check the pH. In winter, Super-Chlorinate once per month.

**CAUTION:** Not to be used as a food container.

**FIRST AID**  
If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 131 120). 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 10 minutes and see a doctor.

**SAFETY DIRECTIONS**  
Highly reactive oxidising chlorine compound. May cause fire and explosion or produce severe burns. Product will irritate the eyes, nose, throat and skin. 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 kerosenes. 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. Do not add water to the product - add the product to water, but in case of fire, drench with water. Store undecomposed in a dry, clean, cool, well-ventilated place away from sunlight. Wash hands after use.

**EMERGENCY INFORMATION**  
Fire: Use flooding quantities of water. Do not use dry chemicals, CO<sub>2</sub> or foam. Spills: Do not contaminate. Keep combustible (wood, paper, clothing, etc.) away from spilled material. Prevent entry into waterways, drains or confined areas. Prevent exposure to heat. Use clean, non-sparking tools to transfer the material to a clean, dry plastic container and cover loosely.

**IN AN EMERGENCY CALL 000  
POLICE OR FIRE BRIGADE.**

**NET CONTENTS**

10 kg

16100065

40 kg

16100064

APVMA Approved No: 42000398  
Date of Manufacture:  
Batch No:

UN 2880 CALCIUM HYPOCHLORITE,  
CLASS 5.1 HAZCHEM ZW PG II

**Environex International**  
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## MATERIAL & FUNCTION

**DRY CHLORINE** is used for daily chlorination and sanitation of swimming pools. It may also be used for sanitation in the food industry and for sterilization of water although these applications are not widespread. Available chlorine is 650 gms per kg

## APPEARANCE

**DRY CHLORINE** is a white granule with a very strong chlorine odour.

## USES

**Swimming pool water sanitation and sterilization of surfaces**

**DRY CHLORINE** should be used daily as a sanitizer for chlorine swimming pools. A triple dose of recommended usage should be used for shock treatment on a weekly basis.

## APPLICATION

**DRY CHLORINE** should be applied at the rate of 50gms per 10,000 litres of pool water. It is best applied by adding the required dosage to a bucket of water - stir - and leave to settle for 1 hour. When product is dissolved, distribute evenly around pool - being careful to leave sediment at the bottom of the bucket. This process can be repeated to ensure all chlorine is extracted from sediment. The sediment can then be disposed of making sure that it is not put on the garden. Detailed usage instructions are available on the label.

## PACKAGING

25kg containers.

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## **IMPORTANT NOTICE TO CUSTOMER**

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***