

(Front Panel)

Flochem-12B
Sodium Hypochlorite
Solution

COMMERCIAL
READ THE LABEL BEFORE USING

CONTROLS BACTERIA &
ALGAE

IN SWIMMING POOL WATERS
IN INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS,
IN COMMERCIAL ORNAMENTAL WATER SYSTEMS,
MUNICIPAL WATER TREATMENT OF SEWAGE AND INDUSTRIAL
EFFLUENT AND FOR HARD SURFACE SANITIZATION

GUARANTEE: Available chlorine present as sodium hypochlorite 10.3%

REGISTRATION NUMBER 29876
PEST CONTROL PRODUCTS ACT

WARNING
CORROSIVE

NET CONTENTS 20 L to Bulk

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(Side
Panel)

DIRECTIONS FOR USE:
FOR SANITATION:

Use only on hard, non-porous surfaces. Ensure that food contact surfaces and equipment have been previously cleaned and rinsed with potable water prior to sanitizing. Use 1.94ml of Flochem-12B Sodium Hypochlorite Solution per 1L of water to establish a level of 200ppm of available chlorine. Drain thoroughly prior to re-use.

FOR SWIMMING & WADING POOL WATER: Use Flochem-12B Sodium Hypochlorite Solution daily for maintaining sanitary pool water. Also use for SHOCK TREATMENT, and OPENING/CLOSING your pool. Flochem-12B Sodium Hypochlorite Solution is recommended for all types of pools

Does not damage or clog filters

Effective in hard or soft water

Ready to use – NO PREMIXING

Regular Treatment: Maintain recommended daily levels as determined by testing kit:

Free Available Chlorine: 1.0 – 3.0 ppm

pH 7.2 – 7.8

Total Alkalinity 100 – 120 ppm

Calcium Hardness: 200 – 300 ppm

1. Before adding Flochem-12B Sodium Hypochlorite Solution, test the pH and adjust to within the 7.2 – 7.8 range. Add acid if pH is high. Add soda ash if pH is low.
2. Chlorinate daily to maintain proper chlorine residual with 250ml of Flochem-12B Sodium Hypochlorite Solution per 10,000 L of pool water, or as needed.

Note: Hot weather, heavy pool usage, and rain may require higher dosage rates to maintain proper chlorine residuals.

Opening New Pool: Superchlorinate (SHOCK) pool water by adding to the pool 1 L of FLOCHEM-12B Sodium Hypochlorite Solution per 10,000 L of pool water. For best results superchlorinate (SHOCK) at dusk.

Opening/Closing Pool: For opening/closing pool, superchlorinate (SHOCK) pool water by adding 3 L of FLOCHEM-12B Sodium Hypochlorite Solution per 10,000 L of pool water. For best results superchlorinate (SHOCK) at dusk.

Shock Treatment: Superchlorinate (SHOCK) weekly with 1 L of Flochem-12B SODIUM HYPOCHLORITE Solution per 10,000 L of pool water when average temperature is 25° to 32° C. Otherwise superchlorinate (SHOCK) every other week.

Algae Control: For visible algae, superchlorinate (SHOCK) using 2 L of Flochem-12B Sodium Hypochlorite Solution per 10,000 L of pool water. Heavy algae infestation may require dosages up to 3 L per 10,000 L. Vacuum pool when dead algae settles.

WADING POOLS: Chlorinate daily to maintain a chlorine residual of 3-5 ppm by adding

45ml of Flochem-12B Sodium Hypochlorite Solution per 1,000 L of pool water or as needed. **Note:** For outdoor pools, chlorine residuals can be protected from destruction by sun's rays by adding a stabilizer (cyanuric acid)

FOR USE IN RECIRCULATING COOLING WATER SYSTEMS:

Note: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of available chlorine.

For the control of bacteria, algae and fungi, add Flochem-12B Sodium Hypochlorite Solution to the lower basin, distribution box or some other point to insure uniform mixing.

Initial Dose: When the system is notably fouled, add 0.06 to 0.12 Kg/1000 L of water in the system to achieve 7.5 to 15.0 mg/L available chlorine by weight. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident apply 0.03 to 0.06 Kg/1000 L of water in the system to achieve 3.25 – 7.50 mg/L available chlorine by weight. Apply treatment weekly or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

FOR SPECIFIC USES IN MUNICIPAL WATER TREATMENT OF SEWAGE AND INDUSTRIAL EFFLUENT: Ask your distributor for technical assistance.

COMMERCIAL ORNAMENTAL WATER SYSTEMS

This product is recommended for the control of bacteria, algae and fungi. Add sufficient amount of this product to maintain a free residual of 0.6 to 1.0 ppm free chlorine. For shock chlorination, the recommended dosage of this product is 50 ppm, based on total system volume. This will develop a free chlorine residual of 1 to 2 ppm for a period of 1 to 2 hours. Shock feeding may be on a 24 hour basis but no less than twice per week.

Not for use in ornamental water systems including fish.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Dangerous gas formed when mixed with acid. Do not mix with any other chemical. Corrosive – causes eye burn and skin irritation. Avoid contact with eyes, skin, clothing and contamination of food. Avoid breathing vapour or mist. Use with adequate ventilation. Wash thoroughly after handling. Wear goggles or a face shield, chemical resistant gloves, long pants, a long-sleeved shirt, shoes and socks when handling this product. Immediately remove contaminated clothing and wash before reuse. Harmful if swallowed. Keep container tightly capped and store upright in a cool, dark location. Product not affected by freezing. Use only as directed.

TOXICOLOGICAL INFORMATION: Probable mucosal damage following ingestion may contraindicate the use of gastric lavage. Treat symptomatically.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

FIRST AID:

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an

ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

DISPOSAL: 1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.

2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.

3. Make the empty container unsuitable for further use.

4. Dispose of the container in accordance with provincial requirements.

5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.