

2024-0212

2024-06-18

This label has been updated according to the re-evaluation decision for Sodium Hypochlorite and Calcium Hypochlorite RVD2023-14. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 08-29-2025 in accordance with the phase out period set out in the re-evaluation decision for Sodium Hypochlorite and Calcium Hypochlorite RVD2023-14. This previously approved label will be provided upon request by emailing [hc.pmra.info-arla.sc@canada.ca](mailto:hc.pmra.info-arla.sc@canada.ca). In your email please include the product name and Registration number of the label you are requesting.

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# MÉGALAB

## HYPO 12

SODIUM HYPOCHLORITE solution

REGISTRATION NO. 30514 PEST CONTROL PRODUCTS ACT

**FOR INDUSTRIAL, INSTITUTIONAL, SWIMMING POOL USE, FOOD PLANT USE, FOR USE IN INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS, FOR MUNICIPAL WATER TREATMENT OF SEWAGE AND INDUSTRIAL EFFLUENT AND FOR SANITIZATION**

**ACTIVE INGREDIENT:** Available chlorine present as sodium hypochlorite.....10.3%

**DANGER**

**CORROSIVE TO EYES AND SKIN**



**MÉGALAB INC.  
905 RUE MICHELIN  
LAVAL, QUEBEC, CANADA, H7L 5B6  
450-663-1100**

**NET CONTENT : 4L, 20L, 55L, 205L, 1000L**

**LOT# \_\_\_\_\_**

**CODE # 1044XXXX**

## **REMOVES STAINS AND DEODORIZES!**

### **DIRECTIONS FOR USE:**

**Laundry:** Dilute 40 to 50 mL of this product in 1 litre of water and pour in your wash water before adding laundry. Safe for nylon, orlon, terylene and for all fast colours. Do not use on wool, silk, colors that fade, leather, or silverware.

**Different uses:** Removes stains and deodorizes toilet bowls, baths, garbage cans, patient rooms, linoleum, woodwork, tiles, counters, sinks, refrigerators, dish water: 20 mL per 1 litre of water.

**On the farm:** 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 **HYPO 12** Sodium Hypochlorite per 1L of water to establish a level of 200ppm of available chlorine. Drain thoroughly prior to re-use.

### **SWIMMING POOLS:**

1. 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.
2. Initially superchlorinate pool water by adding to the pool 1 L of this product per 10,000 L of pool water. For best results superchlorinate at dusk.
3. Chlorinate daily to maintain proper chlorine residual with 250 mL of this product per 10,000 L of pool water, or as needed. NOTE: Hot weather, heavy pool usage, and rain may require higher usage rates to maintain proper chlorine residuals.
4. Superchlorinate weekly with 1 L of this product per 10,000 L of pool water when average daily temperature is 25° C – 32 °C. Otherwise, superchlorinate every other week.
5. For visible algae superchlorinate using 2 L of this product 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 settle.
6. For wading pools, chlorinate daily to maintain a chlorine residual of 3 – 5 ppm by adding 45 mL of this product 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 addition of 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 HYPO 12 Sodium Hypochlorite 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:**

1. **HYPO 12** is only to be used in automatic feeding devices designed for wastewater sanitation.
2. Fill and adjust feeding device according to manufacturer's recommendations and monitor chlorine residual/coliform level as required by applicable regulatory agency.

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3. On the average, satisfactory disinfection of wastewater effluent can be obtained when the chlorine residual is 0.5ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacteria kill must be emphasized.

**For Food Processing Plants:** NOTE: Do not re-enter treated area until 2 hours after spray or fogging application.

**Fish Processing Plants:** Use to treat influent processing water for microbial control. Product should be fed into incoming water source with appropriate metering equipment and monitoring controls to not exceed 3 ppm total chlorine.

**Poultry:** Poultry carcasses or parts may be dipped or sprayed with water containing up to 50 ppm total available chlorine. Carcass contact surfaces (e.g. automatic evisceration equipment, transfer belts, cut-up belts, etc.) may be sanitized with water containing up to 200 ppm total available chlorine provided the surfaces are well drained prior to contact with poultry carcasses or parts.

1. Carcass spray washers: Operators wishing to reduce the bacteria count on poultry carcasses should add 20 – 50 ppm total available chlorine to all their carcass washers e.g. Post scalding shower, post defeathering shower, post carcass transfer shower, final inside outside carcass shower.
2. Automatic poultry evisceration equipment: Spray cleaning carcass contact surfaces of automatic poultry evisceration equipment with water containing 20 - 200 ppm total available chlorine has been shown to effectively reduce bacteria counts on such surfaces which in turn should decrease cross contamination to subsequent carcasses.
3. Reprocessing Reprocessed carcasses require a rinse with a sanitizing agent. Spray washing visibly clean carcasses with water containing 20 - 50 ppm total available chlorine.
4. Water immersion chillers Suggest 20 - 50 ppm should be added to the make-up water line such that a total available chlorine residual is maintained in the chiller overflow water. Chlorine has been shown to be effective in killing pathogenic bacteria washed off the poultry carcasses and thus reduce the cross contamination of other carcasses within the chill tanks.

**Beef Carcass:** Chlorine solutions may be applied where it is accepted practice to apply water to product such as before, after or during the final carcass rinse. Pre-evisceration rinse systems consisting of a potable water rinse, and a second rinse with a chlorine solution are also permitted. The first rinse is applied as a low-pressure water rinse to remove incidental foreign material. The second rinse, consisting of a 20-ppm total available chlorine, may be applied as a mist, fog, or small droplet rinse. The treatment must be followed by appropriate measures to ensure that any residues of the chlorine in question in or on the meat, resulting from the treatment are negligible. In practice this would involve a final rinse with potable water.

#### **PRECAUTIONS**

- KEEP OUT OF REACH OF CHILDREN.
- DANGEROUS GAS FORMED WHEN MIXED WITH ACID.
- DO NOT MIX WITH ANY OTHER CHEMICAL.
- DO NOT RE-ENTER TREATED AREA UNTIL TWO HOURS AFTER SPRAY OR FOGGING APPLICATION.
- Wear long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield), socks and shoes when handling this product.
- CORROSIVE to the eye. DO NOT get in eyes.
- Corrosive to the skin. DO NOT get on skin.
- Harmful if swallowed or inhaled. Avoid breathing vapour and sprays.
- Wash thoroughly after handling.
- Immediately remove contaminated clothing and wash before reuse.

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**ENVIRONMENTAL HAZARDS:**

Toxic to aquatic organisms. This registration is granted under the Pest Control Product Act and does not exempt the user from any another legislative requirement. 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. Use of this product and management of any resulting discharge or release of effluents containing this product must also be in accordance with the Fisheries Act and with any other applicable federal or provincial legislation. Consult with provincial regulatory authorities on any authorizations or other requirements for use of this product and management of any resulting discharge or release of effluents containing this product.

**STORAGE**

Keep container closed and store in upright position in a cool dark location. Do not freeze. Store this product away from food or feed.

**FIRST AID:**

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

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

**DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsing to the treatment site.
2. Follow provincial instructions 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 the 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 the 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.