

2023-5845  
2024-05-28

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.

**COMMERCIAL**

**GUARDSMAN-12 SODIUM HYPOCHLORITE  
LIQUID  
FOR INDUSTRIAL AND INSTITUTIONAL USE**



**WARNING!**

**CORROSIVE!**

**DANGEROUS GAS FORMED WHEN MIXED WITH ACID.  
READ THE LABEL BEFORE USING.  
REGISTRATION NO. 17363 PEST CONTROL PRODUCTS ACT**

**ACTIVE INGREDIENT: Available chlorine, present as Sodium Hypochlorite.....10.3%**

**DANGER CORROSIVE TO EYES AND SKIN**

**Univar Solutions Canada Ltd  
64 Arrow Road, Weston  
Ontario, M9M 2L9**

**Contact : 1-866-686-4827**

**NET CONTENTS : 4 -1200 L**

**DIRECTIONS FOR USE:**

**MISCELLANEOUS USES:** Removes stains and deodorizes toilet bowls, bath, garbage cans, sick rooms, linoleum, woodwork, tiles, counter sinks, refrigerators. Add 15 mL Guardsman-12 Sodium Hypochlorite per 1 L of water. Use this same dilution for dish water; do not use for silverware and aluminum. Do not mix with toilet bowl cleaner, rust remover, ammonia or acids.

**LAUNDRY:** Dilute 40 - 50 ml of Guardsman-12 Sodium Hypochlorite in 1 L of water and add the dilution to wash water before adding laundry. Safe for nylon, orlon, terylene and all fast colours. Do not use on wool, silk, mohair, lycra, unfast colours or leather.

**SWIMMING POOLS:** 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

Initially superchlorinate pool water by adding to the pool 1 L of Guardsman-12 Sodium Hypochlorite per 10,000 L of pool water. For best results superchlorinate at dusk.

Chlorinate daily to maintain proper chlorine residual with 250 mL of Guardsman-12 Sodium Hypochlorite 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.

Superchlorinate weekly with 1 L of Guardsman-12 Sodium Hypochlorite per 10,000 L of pool water when average daily temperature is 25°C-32°C. Otherwise, superchlorinate every other week. For visible algae, superchlorinate using 2 L of Guardsman-12 Sodium Hypochlorite per 10,000 L of pool water. Heavy algae infestation may require dosages up to 3 L per 10,000 L of pool water. Vacuum pool when dead algae settles.

For wading pools, chlorinate daily to maintain a chlorine residual of 3-5 ppm by adding 45 mL of Guardsman-12 Sodium Hypochlorite per 1000 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 Guardsman-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.

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN.  
CORROSIVE to the eye. DO NOT get in eyes.

Corrosive to the skin. DO NOT get on skin.  
Dangerous gas formed when mixed with acid.  
Do not mix with any other chemical.  
Avoid contact with skin and eyes.  
Harmful if swallowed or inhaled. Avoid breathing vapour and sprays Wear long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield), socks and shoes when handling this product.  
Keep container closed and store in a cool location.  
Do not re-enter treated area until two hours after spray or fogging application.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and other aquatic organisms. This registration is granted under the Pest Control Products Act and does not exempt the user from any other legislative requirements. 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. 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 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 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 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 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:** Treat symptomatically.

**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.

**STORE UPRIGHT IN A COOL DARK PLACE, AWAY FROM HEAT AND SUNLIGHT. STORE THIS PRODUCT AWAY FROM FOOD OR FEED. PRODUCT NOT AFFECTED BY FREEZING.**

**DISPOSAL:**

**RETURN EMPTY CONTAINER WITH FREIGHT, OR DISPOSE OF CONTAINER AS FOLLOWS**

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.