

**(front panel)**

**CHECK-MARK 40224**

**A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGICIDE, AND  
SLIMICIDE IN TREATING RECIRCULATING COOLING WATER IN  
INDUSTRIAL COOLING SYSTEMS**

**ACTIVE INGREDIENT**

2,2-Dibromo-3-nitrilopropionamide.....20%

**COMMERCIAL**

REGISTRATION NO. 27230 PEST CONTROL PRODUCT ACT

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**



**POISON**



**CORROSIVE**

**PRECAUTIONS: HAZARD TO HUMANS AND DOMESTIC ANIMALS.  
DANGER: CORROSIVE TO EYES AND SKIN. POTENTIAL SKIN  
SENSITIZER.**

**READ THE LABEL BEFORE USING**

**NET CONTENTS: \_\_\_\_\_ KG**

**CHECK-MARK**

**Div. of NCH Canada Inc.**

247 Orenda Road, Brampton, Ontario L6T 1E6

1-800-268-0838

**(side panel)**

**DIRECTIONS FOR USE**

**DIRECTIONS FOR TREATING INDUSTRIAL RECIRCULATING COOLING  
WATER IN INDUSTRIAL COOLING**

This product is for recirculating water systems only

**NOTE:** Add **CHECK-MARK 40224** separately to the system. Do not mix it with other additive so as to avoid decomposition of **CHECK-MARK 40224** due to the high pH of many additive formulations. Add **CHECK-MARK 40224** to the basin (or any other point of uniform mixing). Addition should be made via a metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the in-system retention time. Optimum performance with this product is achieved by continuous or intermittent treatment. If “shock” treatment is used, the blowdown should be discontinued for 24-48 hours.

**FOR CONTROL OF BACTERIA:** Add 0.00095-0.0095 L of **CHECK-MARK 40224**/1000 L of water in the system depending on the severity of contamination.

**INTERMITTENT OR SLUG METHOD**

*Initial Dose:* When the system is noticeably fouled, add 0.0048-0.0095 L of **CHECK-MARK 40224**/1000 L of water in the system. Repeat until control is achieved.

*Subsequent Dose:* When microbial control is evident, add 0.0024-0.0095 L **CHECK-MARK 40224**/1000 L of water in the system every 4 days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD**

*Initial Dose:* When the system is noticeably fouled, add 0.0048 – 0.0095 L of **CHECK-MARK 40224**/1000 L of water in the system.

*Subsequent Dose:* Maintain this level by pumping a continuous feed of 0.00095 – 0.0048 L of **CHECK-MARK 40224**/1000 L of water in the system lost to blowdown. Badly fouled systems must be cleaned before treatment is begun.

**FOR CONTROL OF FUNGI AND ALGAE:** Add 0.029-0.095 L of **CHECK-MARK 40224**/1000 L of water in the system, depending on the severity of contamination.

**INTERMITTENT OR SLUG METHOD**

*Initial Dose:* When the system is noticeably fouled, add 0.048-0.095 L of **CHECK-MARK 40224**/1000 L of water in the system. Repeat until control is achieved.

*Subsequent Dose:* When microbial control is evident, add 0.029-0.095 L of **CHECK-MARK 40224**/1000 L of water in the system daily, or as needed to maintain control. Badly fouled systems must be cleaned before treatment in the system daily, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD**

*Initial Dose:* When the system is noticeably fouled, add 0.048 – 0.095 L of **CHECK-MARK 40224**/1000 L of water in the system.

*Subsequent Dose:* Maintain this level by pumping a continuous feed of 0.029 – 0.095 L of **CHECK-MARK 40224**/1000 L of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

**PRECAUTIONS: HAZARD TO HUMANS AND DOMESTIC ANIMALS.  
DANGER: CORROSIVE TO EYES AND SKIN. POTENTIAL SKIN  
SENSITIZER.**

May be harmful or fatal if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Do not inhale vapours or spray mist. Wear a long-sleeve shirt, long pants, and shoes plus socks when handling. Wear full face protection and chemical-resistant gloves

when handling. Wear a respirator if the area is not well ventilated and during cleaning, maintenance, and repair activities. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing. Wash contaminated clothing separate from other laundry prior to reuse. Users should remove protective clothing immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**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. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. Do not contaminate water by cleaning equipment or disposal of wastes.

**NOTE:** Do not discharge treated water into estuaries, lakes, streams, ponds, or public waters.

**CHEMICAL AND PHYSICAL HAZARDS:** Reaction with strong reducing agents may be explosive. Avoid misting.

#### **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 treatment.

**TOXICOLOGICAL INFORMATION:** Dilution of an ingested corrosive is a safer first aid treatment than emesis. Treat symptomatically.

**STORAGE:** To maintain product quality store in a dark, cool, dry, well-ventilated area, not above 30°C (86 oF), rotate and use stock within three months. Store in well-closed original containers, away from energy sources, combustible organic materials, and oxidizers. Do not contaminate water, food by storage or disposal.

#### **DISPOSAL:**

1. Triple or pressure-rinse the empty container. Add the rinsings 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 clean-up of spills.

For Spills: When handling or dealing with spills, use impact-resistant goggles with side shields, or face shield; wear body-covering clothes, including impervious chemical resistant gloves and boots; use a dust respirator if misting occurs. For small spills, recover free product. Cover wet spills with 10% sodium bicarbonate solution, water and then an inert absorbent before sweeping up and disposing as described for pesticide disposal. If drum contents are contaminated or decomposing, isolate unsealed drum in the open or in a well-ventilated area; flood with 10% sodium bicarbonate solution and large volumes of water if necessary. **DO NOT FLUSH INTO SURFACE STREAMS. INFORM THE PROVINCIAL REGULATORY AUTHORITY OR THE REGISTRANT.**

**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.

1.20 KG. CHECK-MARK 40224 LIQUID PER L

**DO NOT SHIP WITH FOOD, FEEDS, DRUGS OR CLOTHING**

**NOT INTENDED FOR HOUSEHOLD USE OR RESALE**