

2011-0663
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CL2OUT 1000

FOR USE AS A DISINFECTANT, SANITIZER, BACTERICIDE, SLIMICIDE AND ALGICIDE IN
RECIRCULATING COOLING WATER SYSTEMS AND PULP AND PAPER PROCESSES.

SOLUTION GUARANTEE:

Sodium bromide40.0%

COMMERCIAL

READ THE LABEL BEFORE USING

**REGISTRATION NUMBER 26557
PEST CONTROL PRODUCTS ACT**

Net Contents: As Marked on Container

Baker Hughes Canada Company
Gulf Canada Square. 1000-401 9th Ave. SW
Calgary, Alberta T2P 3C5 Canada

**EMERGENCY CONTACT (24 Hours per day)
800-231-3606**

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN

May cause skin and eye irritation. May be harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

FIRST AID

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 IN EYES: 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 INHALED: If inhaled: Move person to fresh air. If person is not breathing, call 911 or 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. Avoid alcohol.

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.

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.

DIRECTIONS FOR USE

RECIRCULATING COOLING WATER SYSTEMS

CL2OUT 1000 as drummed is not a microbiocide. CL2OUT 1000 is formulated to react with hypochlorous acid (HOCl) from the addition of chlorine to form the biocidal active hypobromous acid. The reaction product has greater biocidal activity at significantly lower dosages than chlorine alone. For recirculating cooling water applications, feed CL2OUT 1000 either before or after the oxidant injection point into the water to be treated. Be sure of rapid mixing of the treated water, CL2OUT 1000 and oxidant is achieved.

DOSAGE: The dosage rate is proportional to the feed rate of the chlorine source. For best results, feed 0.90 kg CL2OUT 1000/1 kg chlorine gas or 0.87 kg CL2OUT 1000/10 kg 12% sodium

hypochlorite.

FOR PULP AND PAPER APPLICATIONS

This product effectively control algal, bacterial and fungal slime in pulp and paper mill fresh and sea water influent water systems, cooling water systems, service water systems, white water systems and other process water. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend up on the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

CL2OUT 1000 should be ratioed to chlorine dosage. Normal feed ratio is 3 to 20 grams CL2OUT 1000 for every 10 grams of chlorine or the equivalent of sodium hypochlorite. Add up to 0.70 kg of this product to 10,000 L, or 70 parts per million, of water in the system, to achieve a measured residual of up to 5 parts per million bromine as needed to maintain control of the system.

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 or reconditioning.
3. Make the container unsuitable for further use or return to drum reconditioner.
4. Dispose of the container in accordance with provincial/territorial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory Agency. Contact manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

For Returnable Containers: Do not reuse this container for any purpose.

For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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.