

2019-3734  
2019-10-16

## **X-Cell 430**

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

**ACTIVE INGREDIENT:**

Sodium bromide .....40.0%

REGISTRATION NO. 28357 PEST CONTROL PRODUCTS ACT

COMMERCIAL

READ THE LABEL BEFORE USING

NET CONTENTS: 910 L

DuBois Chemicals Canada, Inc.  
1 First Canadian Place  
100 King Street West, Suite 1600  
Toronto, ON M5X 1G5

Tel: 1-866-861-3603

## **DIRECTIONS FOR USE:**

**RECIRCULATING COOLING WATER SYSTEMS.** X-Cell 430 as drummed is not a microbiocide. X-Cell 430 is formulated to react with the 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 X-Cell 430 either before or after the oxidant injection point into the water to be treated. Be sure rapid mixing of the treated water, X-Cell 430 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 X-Cell 430/1 kg chlorine gas or 0.87 kg X-Cell 430/10 kg 12% sodium hypochlorite.

**FOR PULP AND PAPER APPLICATIONS:** This product effectively controls 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 upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

X-Cell 430 should be ratioed to chlorine dosage. Normal feed ratio is 3 to 20 grams X-Cell 430 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.

Wear protective eyewear, chemical-resistant coveralls over long-sleeved shirt, long pants, and chemical-resistant gloves and footwear when handling the concentrate and contacting treated process fluids.

For use with closed loading and transfer systems only.

Toxic to aquatic organisms.

DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

**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.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**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 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 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.

**DISPOSAL:**

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

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**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.