

2017-8115  
2018-05-22

## **X-Cell 413**

### **Liquid Antimicrobial**

Controls bacteria, fungi and yeasts in paper mills

INDUSTRIAL

WARNING



POISON

DANGER



CORROSIVE

POTENTIAL SKIN SENSITIZER

GUARANTEE:

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

REGISTRATION NO. 23250 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

DuBois Chemicals Canada, Inc.  
1 First Canadian Place  
100 King Street West, Suite 1600  
Toronto, ON M5X 1G5  
Tel: 1-866-861-3603

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## **PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER: CAUSES SEVERE BURNS OF EYES**

**MAY BURN SKIN**

**MAY BE HARMFUL OR FATAL IF SWALLOWED**

**POTENTIAL SKIN SENSITIZER**

Do not get in eyes, on skin or on clothing.

Wear a long-sleeve shirt, long pants and shoes plus socks when handling.

Wear Chemical Workers' goggles when handling.

Wash thoroughly after handling.

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.

To maintain product quality, store at temperatures below 35°C.

Keep package tightly closed when not in use. Do not ship or store with food, feeds or clothing.

**ENVIRONMENTAL HAZARD:** 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.

## **FIRST AID**

**In case of eye contact,** 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.

**In case of skin or clothing contact,** 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.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

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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. The user assumes the risk to persons or property that arises from any such use of this product.

### **DISPOSAL FOR SEMI-BULK CONTAINERS**

1. Close valve. 2. Arrange for return of semi-bulk container. 3. 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. 4. For small spills, recover free liquid. Soak up residue with solids absorbent. Do not flush in streams. Inform the Provincial Regulatory Agency as in 3.

### **DIRECTIONS FOR USE**

NOTE: ADD X-CELL 413 LIQUID ANTIMICROBIAL SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES IN ORDER TO AVOID DECOMPOSITION OF X-CELL 413 LIQUID ANTIMICROBIAL DUE TO HIGH pH OF MANY FORMULATIONS.

### **PAPER MILL**

For control of bacterial, fungal and yeast growth in pulp, paper and paperboard mills, add X-CELL 413 LIQUID ANTIMICROBIAL at the rate of 60-210 mL/tonne of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. It should be made with a metering pump at a location that will insure uniform distribution of X-CELL 413 LIQUID ANTIMICROBIAL in the mass of fiber and water such as beaters, jordan inlet or discharge, broke chest, furnish chests, save-alls and white-water tanks.

**Heavily fouled systems** should be boiled out, then treated with 60-140 mL of X-CELL 413 LIQUID ANTIMICROBIAL per tonne of paper (dry basis), as necessary for control.

**Moderately fouled systems** should be treated continuously with 140-210 mL X-CELL 413 LIQUID ANTIMICROBIAL per tonne of paper (dry basis) until the slime accumulation is controlled. Addition rates can then be reduced to 60-140 mL X-CELL 413 LIQUID ANTIMICROBIAL per tonne of paper on a continuous or intermittent basis, as needed for control. Dislodged slime may cause breaks in the paper and a cleanup of the paper machine may be advisable.

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**Slightly fouled systems** should be treated continuously with 60-140 mL X-CELL 413 LIQUID ANTIMICROBIAL per tonne of paper (dry basis) until slime is controlled, then added on an intermittent basis to maintain control.