

## IRGACIDE PT 941

A MICROBIOCIDE FOR USE IN CONTROLLING SLIME FORMING BACTERIA, SULFATE-REDUCING BACTERIA, FUNGI AND YEAST IN PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS AND WATER-BASED COATINGS FOR PAPER AND PAPERBOARD.

COMMERCIAL

DANGER



POISON CORROSIVE

READ THE LABEL BEFORE USING

### GUARANTEE:

Glutaraldehyde.....42.5%  
N-alkyl (C12-40%, C14-50%, C16-10%) dimethyl benzyl ammonium chloride.....7.5%

REGISTRATION NO. 28496  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 208L

Ciba Specialty Chemicals Canada Inc.  
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Mississauga, Ontario L5N 5N2

**PRECAUTIONS: HAZARDS TO HUMANS. DANGER. KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. Harmful or fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Do not inhale fumes or vapor. Do not swallow.

When handling the concentrate and during cleaning, maintenance and repair activities on contaminated equipment, wear goggles and face shield, chemical resistant gloves, protective clothing (i.e. long sleeve shirt, long pants and apron and boots). Wash thoroughly with soap and water after handling. Use only in well ventilated area. Remove contaminated clothing and shoes and wash them before reuse.

## FIRST AID

**IF IN EYES:** Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses, if present, after the first 5 minutes and continue washing. Call a poison control centre or doctor immediately 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.

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

## DISPOSAL:

1. Triple- or pressure-rinse the emptied container. Add the rinsings to the treatment site.
2. Follow provincial/territorial 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/territorial 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.

## STORAGE AND HANDLING

Irgacide PT 941 solutions are incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -14°C. Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 38°C can be tolerated but the preferred maximum storage temperature is about 27°C.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with Teflon is suitable for gaskets and packing.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offense 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:

### PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS

Irgacide PT 941 should be added to a paper-making system at a point of uniform mixing such as the head box, beaters, broke chest, save-all tank, or white-water tank.

**Initial treatment:** When the system is noticeably contaminated, add 0.25 kg to 1.5 kg of Irgacide PT 941 per metric tonne of pulp or paper (dry basis) as a slug dose. Repeat until control is achieved. Heavily fouled systems should be boiled out prior to initial treatment.

**Subsequent dose:** When microbial control is evident, add 0.15 kg to 1.0 kg of Irgacide PT 941 per metric tonne of pulp or paper (dry basis) as a slug dose as necessary to maintain control.

**WATER BASED COATINGS, PIGMENTS AND FILLER SLURRIES FOR PAPER AND PAPERBOARD**  
Add sufficient quantities of Irgacide PT 941 to produce a concentration of 100 to 600 ppm based on slurry solids (0.1 kg to 0.6 kg Irgacide PT 941 per metric tonne of slurry solids).

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