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# FENNOSAN 1750-C

A microbicide for use in controlling slime forming bacteria, sulfate reducing bacteria, fungi and yeast in paper mills, paper mill process water systems and water based coatings for paper and paperboard and AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING COOLING AND PROCESS WATER SYSTEMS.

GUARANTEE: Glutaraldehyde.... 50.0%

SOLUTION

REGISTRATION NO. 27210 PEST CONTROL PRODUCTS ACT

COMMERCIAL

DANGER

POISON CORROSIVE READ

THE LABEL BEFORE USING NET

CONTENTS:

KEMIRA WATER SOLUTIONS, INC.  
1000 Parkwood Circle, Suite 500  
Atlanta, Georgia 30339  
USA  
1-800-347-1542

In case of emergency, call Chemtrec at 800-424-9300

DOT SHIPPING NAME: UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (CONTAINS GLUTARALDEHYDE), HAZARD CLASS 8, PG II

## DIRECTIONS FOR USE

Do NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

## PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS

FENNOSAN 1750-C should be added to the system at a point of uniform mixing such

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as the head box, beaters, broke chest, save-all tank, or white-water tank. DO NOT open pour more than 20 L of concentrate per day. Use an automatic addition system if using more than 20 L of concentrate per day.

Initial Dose: When the system is noticeably contaminated, add 0.25 to 1.5 Kg of FENNOSAN 1750-C 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.

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Subsequent Dose: When microbiological control is evident, add 0.15 to 1.0 Kg of FENNOSAN 1750-C 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 FENNOSAN 1750-C to produce a concentration of 100 to 600 ppm FENNOSAN 1750-C based on slurry solids.

### **AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING COOLING AND PROCESS WATER SYSTEMS**

**This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.**

Fennosan 1750-C should be added at the same application rates as described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with Fennosan 1750-C . Under these conditions, blowdown should be discontinued for up to 24 hours or more. Fennosan 1750-C can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

**INTERMITTENT (SLUG DOSE) METHOD** Badly fouled systems must be cleaned before treatment is begun.

**Initial Dose:** When the system is noticeably fouled, apply 100 to 400 ppm of Fennosan 1750-C or 100 to 400 mL of Fennosan 1750-C per 1000 Litres of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 30 to 100 ppm of Fennosan 1750-C or 30 mL to 100 mL of Fennosan 1750-C per 1000 Litres of water in the system weekly, or as needed to maintain control.

**CONTINUOUS FEED METHOD** Badly fouled systems must be cleaned before treatment is begun.

**Initial Dose:** When the system is noticeably fouled, apply 100 to 400 ppm of Fennosan 1750-C or 100 to 400 mL of Fennosan 1750-C per 1000 Litres of water in the system.

**Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 14 to

300 ppm of Fennosan 1750-C or 14 mL to 300 mL of Fennosan 1750-C per 1000 Litres of water in the system per day.

**BEFORE HANDLING OR USING, READ AND UNDERSTAND CURRENT KEMIRA MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT.**

**PRECAUTIONS  
KEEP OUT OF REACH OF CHILDREN  
HAZARDOUS TO HUMANS**

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**DANGER**

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May

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be 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. Avoid breathing vapor. Do not swallow. Wear goggles, protective clothing, and rubber gloves. Wash thoroughly with soap and water after handling.

Remove contaminated clothing and wash before reuse

When using to treat process water systems, wear coveralls over long-sleeved shirt, long pants, chemical resistant gloves, socks, chemical-resistant footwear, and eye protection during mixing, loading, application, clean-up and repair. Wash thoroughly with soap and water after handling. Use only in well ventilated areas. Remove contaminated clothing and shoes and wash them before reuse.

## FIRST AID

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.

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

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#### 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.

#### ENVIRONMENTAL HAZARDS:

Toxic to aquatic organisms.

#### DISPOSAL (Refillable Containers ONLY):

1. Close valve.
2. For disposal, this container is to be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose. Contact the distributor/dealer to arrange for the return of the 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.

#### DISPOSAL (Non-reusable Containers ONLY):

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 non-reusable container unsuitable for further use.
4. Dispose of the container in accordance with provincial 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

FENNOSAN 1750-C 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 -21°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.

To prevent contamination store this product away from food or feed.

#### 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.

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