

2024-02-13
2024-0438

Fennosan PAA 15-C

For biofouling and slime control in:

- ! Paper Mills Systems
- ! Recirculating Cooling Water Systems

SOLUTION
COMMERCIAL

ACTIVE INGREDIENT:

Peroxyacetic acid..... 15.0%
Hydrogen peroxide..... 10.0%

REGISTRATION NO. 30066 PEST CONTROL PRODUCTS ACT

DANGER



POISON



CORROSIVE

CORROSIVE TO EYES AND SKIN

Net Contents

READ THE LABEL BEFORE USING

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

In case of Emergency contact CHEMTREC : 1-800 424-9300 or CANUTEC : 613-996-6666

2024-02-13
2024-0438

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

HAZARDS TO HUMANS

Ensure that acetic acid and hydrogen peroxide air concentrations in the workplace do not exceed exposure levels established by Occupational Health and Safety Authorities in your jurisdiction (e.g., engineering controls, monitoring). If values exceed these levels, wear NIOSH approved respiratory protection.

ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms.

DANGER

Corrosive – causes eye and skin damage. Fatal or poisonous if swallowed. Do not get in eyes, on skin or on clothing. Wear coveralls over long-sleeved shirt and long pants, boots, goggles or face shield, and chemical-resistant gloves when handling. Remove contaminated clothing and wash them before re-use. Wash thoroughly with soap and water after handling. Do not breathe vapour or spray mist. Do not enter an enclosed area without proper respiratory protection.

PHYSICAL OR CHEMICAL HAZARDS

Strong oxidizing agent. Mix only with water. Fenosan PAA 15-C is not combustible; however, at temperatures exceeding 69°C decomposition occurs, releasing oxygen. The oxygen released could initiate or promote combustion of other materials.

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 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 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.

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

2024-02-13

2024-0438

seeking medical attention.

TOXICOLOGICAL INFORMATION

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Treat Symptomatically.

DIRECTIONS FOR USE

Severely fouled systems should be cleaned before initial treatment with FENNOSAN PAA 15-C. Refer to the plant operations manual for directions for cleaning severely fouled systems. The product should be added directly to the system and not mixed with any other chemicals or additives. Other chemicals can be added separately. Contamination with other chemicals could result in product decomposition.

Stop chlorine application when using FENNOSAN PAA 15-C.

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 or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

BIOFOULING CONTROL IN PULP AND PAPER MILL SYSTEMS

For use in the manufacture of paper and paperboard intended for food and non-food contact. FENNOSAN PAA 15-C can be used to control bacterial, fungal and yeast growth in pulp, paper and paperboard mills.

Use 42-210 ml of FENNOSAN PAA 15-C per 1000 litres of water. This will provide a rate of 7 to 38 ppm of peroxyacetic acid (5 to 25 ppm of hydrogen peroxide). Maintain a residual level of 10 ppm peroxyacetic acid. Addition can be continuous or intermittent, depending upon the type of system and severity of the contamination.

Add the FENNOSAN PAA 15-C at a point in the system where it can be mixed uniformly with the pulp, e.g., the beater, hydropulper, fan pump, broke pump, etc.

CONTROL OF SLIME FORMING BACTERIA IN RECIRCULATING COOLING WATER SYSTEMS (COOLING TOWERS, EVAPORATIVE CONDENSERS).

FENNOSAN PAA 15-C is for use in treating raw (make-up) and process waters, closed and opened loop systems such as heat exchanges, wet scrubbers, cooling towers, evaporative condensers.

Use 42-210 ml of FENNOSAN PAA 15-C per 1000 litres of water. This will provide a rate of 7 to 38 ppm of peroxyacetic acid (5 to 25 ppm of hydrogen peroxide). Maintain a residual level of 10 ppm peroxyacetic acid. Addition can be continuous or intermittent, depending upon the type of system and severity of the contamination.

Add the FENNOSAN PAA 15-C solution at a point in the system where uniform mixing and even distribution will occur.

2024-02-13
2024-0438

DISPOSAL/DECONTAMINATION

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction 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 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:

Never return Fennosan PAA 15-C to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic reducing agents and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, douse container with cool water and dilute Fennosan PAA 15-C with large volumes of water. Avoid damage to container. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 30°C. Do not store on wooden pallets.

PROCEDURE FOR LEAK OR SPILL

Stop leak if this can be done without risk. Shut off ignition sources; no flames, smoking, flares or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces.

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.