

2009-5406  
2012-02-29

# Fennosan H-12

Solution  
Algaecide and Slimicide

**GUARANTEE:**

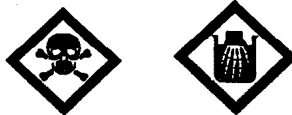
Available chlorine present as sodium hypochlorite ..... 10.3% when packed

FOR USE IN PULP AND PAPER PROCESS WATER SYSTEMS

**COMMERCIAL**

**READ THE LABEL BEFORE USING**

REGISTRATION NO. 30317 PEST CONTROL PRODUCTS ACT



**CORROSIVE**

**DANGER** - Corrosive to Eyes and Skin

NET CONTENTS:

**KEMIRA CHEMICALS, INC.**  
1000 Parkwood Circle  
Atlanta, GA 30339  
Phone (770) 436-1542; 1-800-347-1542

## Directions for Use:

**NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of total chlorine residual.

### **For Use in Pulp and Paper Process Water Systems**

This product is recommended for the control of slime-forming organisms. Fennosan H-12 must be used in conjunction with Fennosurf 300-C at molar ratios (sodium hypochlorite: 5,5-Dimethylhydantoin) of 1:1 to 10:1. Consult Fennosurf 300-C label for mixing concentrations examples.

For all application methods, add sufficient amount of this product to maintain 1-5 ppm of total chlorine residual in the water. This could be achieved by adding 1.6 to 3.2 L of Fennosan H-12 to 40,000 L of water. If the total chlorine residual measured in the water is not between 1-5 ppm of total chlorine, continue adding Fennosan H-12 / Fennosurf 300 until the concentration is achieved.

This product must be dosed into the process system using the appropriate dedicated feed equipment as specified by the Kemira technical representative. This product must be dosed into the process water at a point where uniform mixing is assured. The frequency and duration of dosing application will be dependent on many variables including, but not limited to, the type of system being treated, type of contamination present in the system, degree of contamination and other physical and chemical properties of the system. Badly fouled systems must be cleaned before treatment is begun.

**Initial Dose:** When system is noticeably fouled apply 1.6 to 3.2 L of this product per 40,000 L of water in the system to obtain from 1 to 5 ppm of total chlorine.

**Subsequent Dose:** When microbial control is evident, add 0.4L of this product per 40,000 L of water in the system daily, or as needed to maintain control and keep the total chlorine level at 1 ppm.

### **PRECAUTIONS:**

**DANGER: KEEP OUT OF REACH OF CHILDREN.** Corrosive to the eyes and skin - causes severe skin burns. DO NOT get in eyes or on skin. Wear coveralls over a long sleeved shirt and long pants, chemical resistant gloves, goggles or a face shield, socks and chemical resistant footwear during mixing, loading, application, clean up and repair. Wash after handling. Avoid breathing vapours. Vacate poorly ventilated areas as soon as possible. Do not return until strong odours have dissipated.

## **FIRST AID:**

**If in eyes:** Hold eyes 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 eyes. 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 swallowed:** Drink large amounts of water, **DO NOT** induce vomiting. Call a physician or poison control centre immediately.

**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.

## **TOXICOLOGICAL INFORMATION:**

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

## **ENVIRONMENTAL HAZARDS:**

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.

## **STORAGE:**

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration.

## **DISPOSAL:**

### **Non-Returnable Containers:**

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 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.

### **Returnable Containers:**

1. Close Valve.
2. For disposal, this container is to be returned to 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.
3. Contact the distributor/dealer to arrange for the return of the container.
4. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency.
5. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.  
Do not flush into surface streams. Inform the provincial regulatory agency or the manufacturer as in number 4.

**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 such use of this product.

\*\*\*\*\*

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.