

FENNOSURF® 583-C
BIOCIDE
SOLUTION

For use with closed loading and transfer systems only (i.e., dry coupling)

INDUSTRIAL
Warning, contains the allergen sulfites

ACTIVE INGREDIENT:
Ammonia (present as ammonium sulfate)..... 7.73%

REGISTRATION NUMBER 30820 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

CAUTION – EYE IRRITANT

NET: _____L

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

DIRECTIONS FOR USE:

Fennosurf 583-C is to be used for the control of bacteria and fungi in paper making systems. It **must** be used in conjunction with Sodium Hypochlorite 12.5% **and** the Kemira Approved Dispensing Device (described below). The mixing is to be done at a ratio of 2.09 - 3.14 litres of Sodium Hypochlorite 12.5% with 1 Litre of Fennosurf 583-C in the Kemira Approved Dispensing Device. The ratio is dependent on the actual total chlorine content of the sodium hypochlorite being used. Before using a different concentration of sodium hypochlorite, contact a Kemira representative for technical advice.

Fennosurf 583-C and the sodium hypochlorite are mixed in a specially designed Kemira Approved Dispensing Device. The Kemira Approved Dispensing Device controller ensures the production of the biocide solution, checks and controls the production of the biocide continuously, and optimizes the biocide production process. The installation, calibration and operation of the Kemira Approved Dispensing Device in all plants must be conducted only by authorized and trained personnel. The biocide produced by the Kemira Approved Dispensing Device is immediately added to the process waters for which treatment is required. The biocide may be added to any point of uniform mixing. Addition may be continuous or intermittent depending on the severity of the contamination when treatment starts, and on other system operation parameters.

Note: Do not use other feeding modes to mix Fennosurf 583-C and the sodium hypochlorite, or mix Fennosurf 583-C with other additives. The design of treatment, installation, calibration and initial operation of the Kemira Approved Dispensing Device in all plants must be conducted only by authorized and trained personnel. Use of this product for any other purposes or contrary to the instructions below, or without the supervision of authorized trained personnel is prohibited. For use with closed loading and transfer systems only (i.e., dry coupling).

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

DO NOT discharge effluent containing the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

PULP AND PAPER MILLS

Used for the prevention of bacteria and fungi, in pulp and paper making systems. Badly fouled process systems must be cleaned before initial treatment. Total chlorine residuals can be monitored using a standard chlorine test kit. Add sufficient biocide produced by the Kemira Approved Dispensing Device to achieve and maintain a measured concentration of 0.5 - 3.0 ppm residual biocide, expressed as total chlorine. When the system is noticeably fouled, it may be necessary to slug feed to a concentration up to 7 ppm expressed as total chlorine to obtain desired control. If chloramine is detected in the effluent, it must be neutralized to undetectable levels by the addition of sodium metabisulfite or other suitable means.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

HAZARD TO HUMANS AND DOMESTIC ANIMALS.

May irritate eyes and skin.

Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield), coveralls or long pants and long sleeved shirt, chemical resistant gloves, socks and chemical resistant footwear during loading, cleanup and repair activities. Avoid contact with skin, eyes or clothing and avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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 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 seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL HAZARDS:

This product and the biocide produced by the Kemira Approved Dispensing Device are TOXIC to aquatic organisms.

STORAGE:

Store in a cool, dry, well-ventilated area, in well-closed original containers.

DISPOSAL:

For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer or the provincial regulatory agency.

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 risk to persons or property that arises from any such use of this product.