



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

9386-51

Date of Issuance:

5/5/25

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Fennosurf 600

Name and Address of Registrant (include ZIP Code):

Eliot Harrison
Agent for Kemira Chemicals, Inc.
Lewis & Harrison
2461 South Clark Street
Arlington, VA 22202
Electronic Transmittal: eharrison@lewisharrison.com

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Steven Snyderman, Product Manager 33
Regulatory Management Branch II
Antimicrobials Division (7510M)
Office of Pesticide Programs

Date:

5/5/25

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 9386-51."
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated, 02/01/2023
- Alternate CSF 1 dated, 02/01/2023

If you have any questions, please contact Srinivas Gowda by phone at 202-565-0078, or via email at gowda.srinivas@epa.gov.

Enclosure: Stamped Label

FENNOSURF 600

Precursor for the Generation of Performic Acid

- Non-Public Health Microbicide for algal, bacterial and fungal microorganisms and deposits in influent and process water systems used for the manufacture of non-food contact paper and paperboard products and Effluent (Wastewater) Treatment Systems

ACTIVE INGREDIENT

Formic Acid 75.00%

OTHER INGREDIENTS 25.00%

TOTAL 100.00%

ACCEPTED

05/05/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 9386-51

KEEP OUT OF REACH OF CHILDREN DANGER / PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

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 center 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 center or doctor for treatment advice.
- **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probably mucosal damage may contraindicate the use of gastric lavage.

GENERAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center at 1-800-858-7378 (NPIC web site: www.npic.orst.edu). For emergencies, call the poison control center 1-800-222-1222.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear protective eyewear, (goggles, face shield or safety glasses). Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use Fennosurf 600 as a precursor for the generation of performic acid.

Fennosurf 600 must be used in conjunction with an EPA registered source of hydrogen peroxide (35% or 50%) to generate a performic acid (PFA) solution. The products are mixed together in a volumetric ratio of 1-1.5:1 hydrogen peroxide to Fennosurf 600. The performic acid solution must be generated and fed into water systems using a closed system and only by a trained Kemira representative. Dry disconnect coupling, to prevent handler exposures, must be used between Fennosurf 600 and the performic acid generation tank.

Paper Manufacturing Use

Use the generated performic acid solution to control and prevent non-public health algal, bacterial and fungal deposits in influent and process water used in the manufacture of non-food-contact paper and paperboard.

Dosing Rate: The dosing rate depends on the oxidant demand of the given system. Apply the generated performic acid solution so the dosing rate of performic acid is between 1 and 10 parts-per-million (ppm). The dosing rate can be evaluated by measuring performic acid or hydrogen peroxide in the treated water. Residual hydrogen peroxide can range from 1-40 ppm. The generated performic acid solution can be added continuously or intermittently to any area of the system where uniform mixing can be obtained.

Non-Public Health Microbial Control in Effluent Treatment Systems

Performic acid to be used for treating sewage and wastewater effluent systems associated with public and private wastewater treatment plants. This product may be applied alone at any point in the treatment train or may effectively be used in conjunction with other systems, such as Ultraviolet (UV) light. Doses for UV systems will typically be 0.25 - 4 ppm (as active PFA). When applying only PFA, apply 0.25 -10 ppm (PFA on-site generator will adjust the PFA flow required). The PFA dosage will depend on the quality of water, contact (holding) time (for example, 30 minutes average), and the degree of microbial control necessary. The PFA concentration will rapidly decline after treatment, but the maximum amount of PFA that may be discharged into the receiving body of water is limited to monthly average of 0.75 ppm as active PFA, or as required for local discharge requirements. The residual PFA will be tested at least one time/day.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE

Store in a cool, dry, well-ventilated area, in well-closed original containers, away from energy sources, acids, alkaline, oxidizing agents and heavy metal salts.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control agent or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

EPA Reg. No. 9386-LR

EPA Est. No. 9386-GA-3

Sold by:
Kemira Water Solutions, Inc.
200 Galleria Parkway Suite 1500
Atlanta, GA 30339