

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

14492-5

DATE OF ISSUANCE

JUL 29 1991

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

VERMIFUG

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 has conditional interests in accordance with 40 CFR 159.101(c)(1)(2) and 159.101(c)(3).

1. Submit a written request for registration/reregistration of the product under 40 CFR 159.101(c) and the Agency shall accept the product if the registrant can provide the following information:

2. The registrant shall submit a written request for "CANCEL" of the registration:

- (a) A written label submitted February 12, 1991, the phrase "EPA Registration No. 14492-5."
- (b) Submit a revised Confidential Statement of Formula (a form is enclosed) indicating the upper and lower certified limits as percent-by-weight as 14.
- (c) Submit a written request for cancellation of EPA registration No. 14492-5 (only that registration is being cancelled with EPA Reg. No. 14492-5).

3. Cease distribution and sale of existing stocks of EPA Registration No. 14492-5 within one year after the date of this Notice of Pesticide Registration.

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL

DATE

4. Submit twelve-month Storage Stability data within 15 months after the date of this Notice of Pesticide Registration.

5. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Ruth G. Douglas
Acting Product Manager (PM-32)
Antimicrobial Program Branch
Registration Division (H-7504C)

Enclosures



ELTECH
EES CORPORATION

12850 Bournewood Drive • Sugar Land, Texas 77478
Sales Department • (713) 274-8440 • Fax: (713) 240 6762

REVISED LABEL FORMAT:

SANURIL® 115
EPA File Symbol 48482-L

Revised: 10/30/90ddd in response to
EPA letter dated 9/11/90

ACCEPTED
EPA COMPLIANCE
DIVISION
JUL 20 1991
File No. 48482-5

DIRECTIONS FOR USE

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH ITS LABELING**

NEW Sanuril® 115 is a slow dissolving mixed halogen product in a convenient, ready-to-use tablet form. The SANURIL 115 tablets provide a source of both available chlorine and bromine. It is recommended for use as a sewage effluent disinfectant where a continuous source of chlorine and bromine is required.

SEWAGE AND WASTEWATER EFFLUENT TREATMENT:

For best results and reliable performance, SANURIL 115 should be dosed using the EES Corporation Tablet Feeder.

The amount of mixed halogen dosed will depend upon the flow rate of the water being treated, the number and placement of feed tubes filled with SANURIL 115 tablets and the outlet weir size selected. For example, to provide an available active mixed halogen dosage of 6 ppm, the recommended dosage will require about 0.8 pounds or 3 tablets of SANURIL 115 for each 10,000 gallons of water to be treated. Refer to the EES Tablet Feeder Instruction Manual to determine the required Feeder settings and adjustments to provide this level of dosage. In practice, the amount of SANURIL 115 used should be adjusted to satisfy the halogen demand and to maintain a proper halogen residual. The typical dissolve rate of the SANURIL 115 tablets is 10 grams per hour (QA specification range for dissolve rate is 8-12 grams per hour) based on a flow rate of 3 gpm.

Allow the SANURIL System to operate approximately one (1) to one and one-half (1-1/2) hours before testing residuals. Measurement of the total available chlorine in the treated water can be determined by employing a standard iodometric titration technique calculating all halogen to available chlorine. A suitable method is described in Standard Methods for the Examination of Water and Wastewater, Sixteenth Edition, 1985, American Public Health Association, pp 298-303.

Questions regarding the above "Directions for Use" should be directed to EES Corporation, A Subsidiary of ELTECH Systems Corporation, 12850 Bournewood Drive, Sugar Land, Texas 77478.

STORAGE AND DISPOSAL

Keep product dry in a tightly closed container when not in use. Store in a cool, dry and well ventilated area away from heat or open flame. In case of decomposition isolate container and flood with large amounts of water to dissolve all material before discarding this container. DO NOT reuse empty container but place in trash collection. DO NOT contaminate food or feed by storage, disposal or cleaning of equipment. Shelf life is one (1) year in an UNOPENED container.

EPA Reg. No. 48482-1-AA
EPA Est. No. 10477-OH-01

ACCEPTED
with RESIDUALS
in 1991
JUL 29 1991
48482-5

LOT NUMBER:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER:

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. DO NOT get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. DO NOT breathe dust or fumes. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. DO NOT discharge into lakes, streams, ponds or public waters unless in accordance with NPDES permit. For guidance contact the regional office of EPA.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT:

Strong oxidizing agent. Mix only with water. Use clean, dry utensils. Open container only where adequate ventilation is available. DO NOT add this product to any dispensing device containing remains of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion. Keep away from any flammable or burning material. In case of contamination or decomposition, DO NOT reseal container. If possible isolate container in open air or well ventilated area. Flood with large volumes of water if necessary.

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CALCIUM HYPOCHLORITE MIXTURE
DRY PQ UN 1748



UN 1748
IMO CLASS 5.1
IMO PAGE 5029

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WARRANTY STATEMENT

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use and buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of fitness or of merchantability and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

10/30/90dd