

48482-5

2-25-1999

1/5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 25 1999

Ms. Diane Vega
Exceltec International Corporation
1110 Industrial Boulevard
Sugar Land, Tx 77478

Dear Ms. Vega:

Subject: Sanuril 115
EPA Registration No. 48482-5
Your Amendment Dated January 27, 1999
(Request for stamped labels)

This is in response to your amendment request for EPA approved stamped label for product name change, "Sanuril 115."

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable subject to the following comments.

In the "Sewage and Wastewater Effluent Treatment" section second paragraph the word "appropriate" is omitted. Spell out EIC (Eltech). Third paragraph first sentence "115" is omitted. The phrase (including combined and free chlorine residuals) is omitted from sentence. A stamped copy is enclosed for your records.

Submit a revised final printed label incorporating the above comments.

If you have any questions, please call Marianne Clark at (703) 308-6381.

Sincerely yours,



Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Net Contents: 25 Pounds/11 Kilograms

SANURIL® 115

T A B L E T S

A Concentrated Chlorinating Agent For Use
As A Bactericide And Disinfectant

ACTIVE INGREDIENTS:

Calcium hypochlorite.....69.30%

1-bromo-3-chloro-5, 5 dimethylhydantoin0.94%

INERT INGREDIENTS:.....29.76%

Patent #4816177

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRACTICAL TREATMENT - First Aid (See additional precautions on back panel)

IF SWALLOWED: Drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

IF ON SKIN: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

IF IN EYES: Flush with cold water for at least 15 minutes. Get medical attention.



Exceltec International Corporation

1110 Industrial Boulevard • Sugar Land, Texas 77478
Telephone: 281/240-6770 • Fax: 281/240-6762 • Toll Free: 1-800-621-9189

FEB 25 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 48482-5

DANGER: H get in eyes, Irritating to handling. R

Environment ing this prod requirements has been not without prev Regional Offi

STRONG O) quate ventila product. Such matter or oth and possible nation or decu Flood with lar

Warranty St Seller warran on this label v of any use cor express or imp writing with a exceed the pu

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EPA

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permitting authority
duct to sewer systems
State Water Board or

r only where ade-
remains of any other
ith moisture, organic
f hazardous gases,
l. In case of contami-
well ventilated area.

or the purposes stated
yer assumes the risk
luding any other
ed to do so except in
each of warranty



SANURIL[®] 115 is a slow
product in a convenient,
SANURIL 115 tablets pro
able chlorine and bromin
as a sewage effluent dis
source of chlorine and br
results and reliable perfo
be used in conjunction w
ELTECH) Tablet Feeder.

Sewage and Wastew:

The amount of chlorine
the flow rate of the wate
and placement of feed tu
size opening. For example
chlorine dosage of 6 ppm
will require about 0.8 po
115 for each 10,000 gallo
Refer to the EIC Tablet Fe
determine the required fe
ments to satisfy the chlor
the required level of chlor
amount of SANURIL 115 i
satisfy the halogen dema
halogen residual. The typ
SANURIL 115 tablets is 1
flow rate of 3 gpm.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 25 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide
registered under EPA Reg. No. 48482-5

CALCIUM HYPOCHLORITE, HYDRATED

UN2880

RQ

EMERGENCY TELEPHONE NUMBER

304-843-1300

5/12

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 pesticide is toxic to fish and aquatic organisms. 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.

PHYSICAL AND CHEMICAL HAZARDS

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 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.

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 warrant of fitness or of merchantability and not 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.

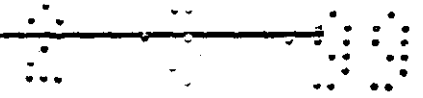
ACCEPTED
with COMMENTS
in EPA File # 484825

FEB 25 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 484825

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EPA



DIRECTIONS FOR USE

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

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. For best results and reliable performance, SANURIL 115 should be used in conjunction with the EXCELTEC (formerly ELTECH) Tablet Feeder.

Allow the SANURIL System to operate for approximately one (1) to one and one-half (1-1/2) hours before testing results. Measurement of the total available chlorine can be determined by using the standard idometric titration technique. A suitable method is described in Standard Methods for the Examination of Water and Wastewater, Nineteen Edition, 1995, American Public Health Association, section 4, pp 36-53.

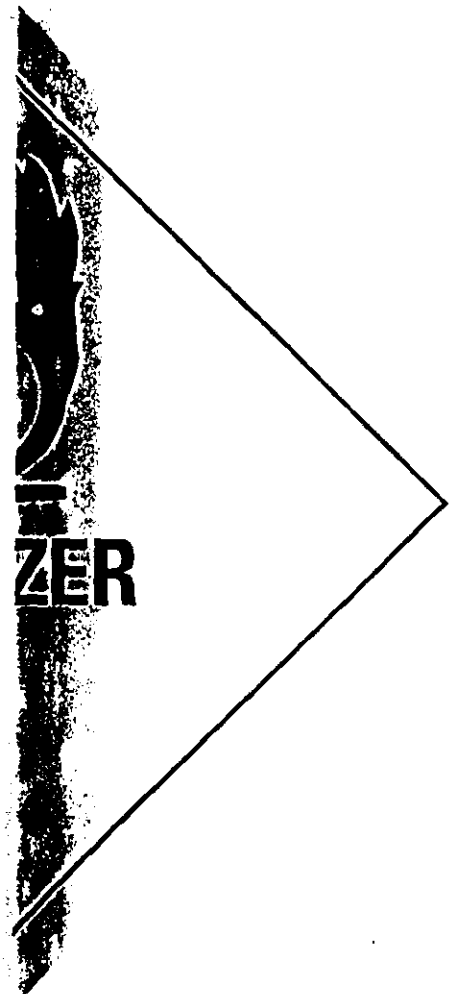
Sewage and Wastewater Effluent Treatment:

The amount of chlorine delivered will depend on the flow rate of the water being treated, the number and placement of feed tubes filled and the outlet weir size opening. For example, to provide an available chlorine 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 EIC Tablet Feeder Instruction Manual to determine the required feeder settings and adjustments to satisfy the chlorine demand and to maintain the required level of chlorine residual. In practice, the amount of SANURIL 115 used should be adjusted to satisfy the halogen demand and to maintain proper halogen residual. The typical dissolve rate of the SANURIL 115 tablets is 10 grams per hour based on a flow rate of 3 gpm.

Questions regarding the above "Directions for Use" should be directed to **EXCELTEC International Corporation**, 1110 Industrial Blvd., Sugar Land, Texas 77478 USA.

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.

SANURIL is a registered trademark of EXCELTEC International Corporation.



RITE, HYDRATED

RQ

PHONE NUMBER
1300

FEB 25 1999

Under the Federal Insecticide,
Fungicide and Rodenticide Act as
amended by the pesticide
control under EPA Reg. No.

48482-5

EPA Reg. No. 48482-5
EPA Est. No. 2312-PA-1

LR46C-199E

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