

1117-48

07/12/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUL 12 2000

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Fort Dodge Animal Health  
800 5<sup>th</sup> Street, N.W.  
Fort Dodge, Iowa 50501

Attention: Michael Mlodzik

Subject: Nolvasan-S  
EPA Registration Number 1117-48  
Your Amendment Dated June 14<sup>th</sup>, 2000  
EPA Received Date June 21<sup>st</sup>, 2000

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, as per our telephone conversation on June 14<sup>th</sup>, 2000, to request stamped labeling, is acceptable provided that you make the following revisions:

A. Revise the "Precautionary Statements" to read as follows:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Danger. Corrosive. Causes irreversible eye damage.  
Wear protective eyewear (Goggles, faceshield, or safety glasses). Harmful if swallowed or absorbed through skin or inhaled. Maybe fatal if inhaled. Avoid breathing spray mist. Avoid contact with skin or clothing and do not swallow.  
Wear rubber gloves when handling or applying.

B. Revise the "Environmental Hazards" section as per PR Notice 83-3.

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

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell". The signature is fluid and cursive, with the first name "Marshall" and last name "Swindell" clearly distinguishable.

Marshall Swindell  
Product Manager-33  
Regulatory Management Branch I  
Antimicrobial Division(7505C)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
JUL 12 2000

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

1117-48

**olvasan<sup>®</sup> S**  
orhexidine diacetate

cented Disinfectant

Bactericide Virucide†  
Animal Premises Use Only

**FORT DODGE<sup>®</sup>**

Ingredient:  
amethylenebis [5-(p-chlorophenyl)]  
le] diacetate 2%  
Ingredients 98%  
100%

OUT OF REACH OF CHILDREN  
**DANGER**  
SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**Gallon (3.7 L)**

**For cleaning, disinfection, deodorizing  
Recommended Concentration For Use**

†For disinfection of inanimate objects to aid in control of canine distemper virus, equine influenza virus, transmissible gastroenteritis virus, hog cholera virus, parainfluenza-3 virus, bovine rhinotracheitis virus, bovine virus diarrhea virus, infectious bronchitis virus, Newcastle virus, Venezuelan equine encephalitis virus, equine rhinopneumonitis virus, feline rhinotracheitis virus, pseudorabies virus, equine arteritis virus and canine coronavirus — 3 ounces (6 tablespoons) per gallon of clean water. Nolvasan S has been shown to be virucidal *in vitro* against rabies virus (CVS strain) in laboratory tests when used as directed above.

For disinfection of veterinary or farm premises — 1 ounce (2 tablespoons) per gallon of clean water.  
Not effective against *Pseudomonas aeruginosa* or gram-positive cocci on inanimate surface.\*

\*According to A.O.A.C. Use Dilution Test Method.

**PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

**DANGER**

Corrosive: Causes eye damage. Do not get in eyes. Wear protective eyewear (Goggles, face shield or safety glasses.)  
May be fatal if inhaled: Do not breathe spray mist.

Avoid contact with skin or clothing and do not swallow. Wear rubber gloves when handling or applying.

**Statement of Practical Treatment**

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation observed.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

**Environmental Hazards**

Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of waste.

**STORAGE AND DISPOSAL**

**PROHIBITION:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Protect from freezing. Do not use or store near heat or open flame.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Do not reuse containers. Rinse thoroughly with water and discard in trash.

**GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

**Fort Dodge Animal Health**

**Fort Dodge, Iowa 50501 USA**

EPA Est. No. 1117-IA-2 EPA Reg. No. 1117-48

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Lot  
Exp. Date



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### Veterinary or Farm Premises

1. Remove all animals and feed from premises, vehicles and other equipment.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure.
7. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

# Nolvasan® S

## Chlorhexidine diacetate

### Scented Disinfectant

Bactericide Virucide†

For Animal Premises Use Only

**FORT DODGE®**

#### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Nolvasan Solution final use dilutions may be applied by wiping, mopping, or spraying on the inanimate surface.

**When applying by wiping, mopping, or spraying:** Applicators or other handlers must wear long-sleeve shirt and long pants, socks plus shoes, and rubber gloves.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**Entry Restrictions:** Thoroughly ventilate buildings, vehicles, and closed spaces following application. Do not enter, allow other persons to enter, house livestock, or use equipment in the treated area until ventilation is complete and the liquid chlorhexidine diacetate has been absorbed, set or dried.

**User Safety:** Follow manufacturer's instructions for cleaning/maintaining personal protective equipment. If there are no such instructions for washables, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets on or inside it, then wash both skin and clothing thoroughly and put on clean clothes. Users should remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash skin and clothing thoroughly and change into clean clothes.

For further information contact Fort Dodge Animal Health at 1-800-477-1365.

#### Active Ingredient:

1,1'-Hexamethylenebis [5-(p-chlorophenyl) biguanide] diacetate

#### Other Ingredients

2%

98%

100%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

# 1 Pint (473 mL)

For cleaning, disinfection, deodorizing

#### Recommended Concentration For Use

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1117-48

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Exp. Date



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