

1839-112

6/10/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

JUN 10 2010

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Thomas W. Isaac  
Stepan Company  
22 W. Frontage Road  
Northfield, IL 60093

Subject: PT 4.0 Pine Scent Disinfectant/Detergent  
EPA Registration Number: 1839-112  
Application Date: March 17, 2010  
Receipt Date: March 18, 2010

Dear Mr. Isaac:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide (FIFRA), as amended, is acceptable with conditions.

**Proposed Amendment**

Update Container Disposal statements to comply with PR Notice 2007-4.

**Conditions**

Revise the label as follows:

- 1.) The nomenclature for Salmonella choleraesuis must be updated to read "*Salmonella enterica*" on page 2 (left panel).
- 2.) Revise the Environmental Hazards section on page 3 to be in agreement with the ADBAC RED by adding the following statement, "*This pesticide is toxic to fish and aquatic invertebrates.*"
- 3.) Move the 3<sup>rd</sup> statement under the "Container Disposal" statements for containers 5 gallons or less on page 3 to appear after the statement, "Drain for 10 seconds after the flow begins to drip."
- 4.) Delete the 5<sup>th</sup> statement under the "Container Disposal" statements for containers greater than 5 gallons on page 3 and replace with "*Follow Pesticide Disposal instructions for rinsate disposal.*"

**CONCURRENCES**

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2015

**General Comments**

A stamped label with conditions is enclosed for your records. Submit a copy of your final printed label before distributing or selling the product bearing the revised labeling.

If you have further questions concerning this letter, then please contact me by telephone at (703) 308-6416 or by e-mail at [campbell-mcfarlane.jacqueline@epa.gov](mailto:campbell-mcfarlane.jacqueline@epa.gov) or Killian Swift by telephone at (703) 308-6346 or by email at [swift.killian@epa.gov](mailto:swift.killian@epa.gov). When you are submitting information or data in response to this letter, send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,



Jacqueline Campbell-McFarlane  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: Stamped Label

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

3065

# PT 4.0 Pine Scent Disinfectant/Detergent

CLEANER  
DEODORIZER  
PINE SCENT

DISINFECTANT  
FUNGICIDE (against pathogenic fungi)

### ACTIVE INGREDIENTS

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> )	
dimethyl benzyl ammonium chlorides.....	1.0%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl	
ethylbenzyl ammonium chlorides .....	1.0%
Pine Oil .....	4.0%
<b>INERT INGREDIENTS .....</b>	<b>94.0%</b>
<b>Total .....</b>	<b>100.0%</b>

KEEP OUT OF REACH OF CHILDREN

## DANGER

Do not use or store near heat or open flame.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 10 2010

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

1839-112

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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 poison control center or doctor for treatment advice.

**If swallowed:** Call 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 do so by the 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 an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**(OPTIONAL)** You may contact xxx/xxx-xxxx for emergency medical treatment information.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See (side) (back) panel(s) for additional precautionary statements.

EPA REG. NO. 1839-112  
EPA EST. NO. 1839-IL-01

**STEPAN COMPANY**  
22 West Frontage Road  
Northfield, IL 60093

**NET CONTENTS**  
(center panel)

Amend 05/17/10

### DIRECTIONS FOR USE

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

PT 4.0 Pine Scent Disinfectant/Detergent, formulated with a quaternary-pine oil combination, is a broad spectrum bactericide and fungicide for use in nursing homes, hospitals, schools, lodging establishments, transportation terminals, office buildings, manufacturing facilities, retail businesses, and athletic/recreational facilities, where housekeeping is of prime importance. This formulation provides effective cleaning, deodorization and disinfection of walls, floors, sink tops, toilet bowls, tables, chairs, and telephones. For larger areas such as operating rooms, patient care facilities, and restrooms, this product provides both general cleaning and disinfection.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, sink tops, urinals, and other areas which are prone to odors caused by microorganisms.

This product may also be used as general cleaner for areas where a fresh pine scent is desirable.

*(For labels that list medical premises and metal and/or stainless steel surfaces, one of the following statements must be used:)*

This product is not be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body either into or in contact with bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

*or*

This product is not for use on medical device surfaces.

**DISINFECTION** - To disinfect previously cleaned, inanimate, hard surfaces add 4 ounces of this product per gallon of water. Apply with a mop, cloth, sponge or hand pump trigger sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**To disinfect toilet bowls:** pre-clean the bowl, flush toilet and add 4 ounces of this product directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

**BACTERICIDAL ACTIVITY** - When diluted at the rate of 4 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms: Staphylococcus aureus, Salmonella choleraesuis and Pseudomonas aeruginosa and meets all requirements for hospital use.

**FUNGICIDAL ACTIVITY** - When diluted at the rate of 4 ounces per gallon of water, this product is effective against the pathogenic fungus, Trichophyton mentagrophytes (Athlete's Foot Fungus), on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, non-porous, hard surfaces commonly contacted by bare feet.

Stepan Company  
Northfield, IL 60093  
EPA Reg. No. 1839-112

(left panel)

Amend 03/17/10

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS.  
DANGER**

**CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

*(Note: If container size is of 5 gallons or greater, the following Environmental Hazards statement must be used.)*

**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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible. Do not use or store near heat or open flame.

**STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE** - Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in a tightly closed container in an area inaccessible to children.

*(for products with industrial, institutional and commercial use sites)*

**CONTAINER DISPOSAL** - Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.

*(Containers 5 gallons or less)*

Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*(Containers greater than 5 gallons)*

Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it 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. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

**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 Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

