

MAY 5 1992

West Agro, Inc.
11100 N. Congress Ave.
Kansas City, MO 64153

Attention: Richard Beach

Subject: Rapidyne Germicide Sanitizer
EPA Registration No. 4959-36
Your Application Dated December 19, 1991

This is in response to your request to amend the registration of the subject product to revise the directions for use under "Udderwash".

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 comment:

According to the enclosed letter dated July 5, 1988 the type of iodine complex referenced on your label is incorrect and has not been corrected. Change from Polyethoxy polypropoxy polyethoxy ethanol-iodine complex to Nonylphenoxypoly (ethyleneoxy Ethanol)

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

Five copies of the finished labeling must be submitted prior to releasing the product for shipment bearing the amended labeling.

For your information, please note the enclosure regarding labeling requirements (formatting).

Should you have questions call Arvella Farmer at (703) 305-6939.

Sincerely yours,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

RAPIDYNE®**Germicide Sanitizer**

THIS PRODUCT HAS BEEN AUTHORIZED BY USDA FOR USE IN FEDERALLY INSPECTED MEAT And POULTRY PLANTS.

ACTIVE INGREDIENTS:

Iodine*	3.5%
Phosphoric Acid	24.7%
INERT INGREDIENTS:	71.8%
Total	100.00%

*From Polyethoxy polypropoxy polyethoxy ethanol-iodine complex

ACCEPTED
WITH COMMENTS
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EPA Reg. No. 4959-36
EPA Est. 4959-IL-1

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KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS:

Hazard to Humans and Domestic Animals

DANGER: CORROSIVE, CAUSES EYE DAMAGE AND SKIN IRRITATION. HARMFUL IF SWALLOWED. Do not get in eyes, on skin or on clothing. Avoid contamination of food. Wear goggles and rubber gloves when handling. Avoid breathing fumes or vapors. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

If In Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

RAPIDYNE is regulated by the U.S. Food and Drug Administration under the Food Additive regulation for use on food processing equipment and utensils up to 25 ppm of titratable iodine, without requiring a rinse with potable water.

STORAGE and DISPOSAL:

STORAGE: Keep container closed when not in use. Do not store below 0°F for extended periods.

DISPOSAL: Do not contaminate water, food or feed by storage or 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.

Triple rinse. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RAPIDYNE is especially formulated for use by the bottling, beverage and food processing industries, as well as milk and ice cream processing plants to insure sanitary filling procedures, sanitizing filters, syrup lines, tanks, etc. **RAPIDYNE**, when used continuously as a sanitizing spray on walls, conveyors, equipment and floors, will sanitize surfaces and reduce or eliminate odors throughout the processing area. **RAPIDYNE** may be used as a sanitizer at 12 1/2 to 25 ppm titratable iodine throughout milk and ice cream processing areas and on filling equipment to reduce or eliminate E. Coli which are usually associated with condensation found on equipment, pipes, etc. In addition, continual use of **RAPIDYNE** as a sanitizer at 25 ppm will prevent the formation of milk stone on processing equipment. **RAPIDYNE** may be used at 25 ppm as a sanitizer in frozen and fresh-pack processing plants, and is most effective in reducing cross-contamination. **RAPIDYNE** proportioned into pre-rinse of non-returnable bottles and final rinse of returnable bottles at 4 to 6 ppm will produce a final sanitized bottle.

RAPIDYNE is not adversely affected by common water hardness or low temperatures. Follow your state and local Health Department requirements for sanitizing food processing equipment. For sanitizing equipment in meat, poultry, rabbit and egg processing plants, clean surfaces with detergent wash and rinse with potable water. Final rinse with a solution of 1 ounce of **RAPIDYNE** and 13 gallons of water, allow a one minute contact time.

RAPIDYNE cleans and brightens cans.

RAPIDYNE helps reduce the growth of slime producing microorganisms in retort cooling water.

RAPIDYNE should be added to the retort cooling water in sufficient quantity to maintain 0.1 to 0.5 ppm titratable iodine at the discharge side. To reach this level of iodine, an initial concentration of 5 ppm titratable iodine is recommended (1 oz. of **RAPIDYNE** to 55 gallons of water.) The amount of **RAPIDYNE** required will depend on the organic load and the alkalinity of the water. A suitable iodine test kit, capable of measuring titratable iodine in the range of 0.1 to 0.5 ppm, should be used to check iodine levels.

RAPIDYNE IS A CONCENTRATE AND MUST BE DILUTED BEFORE USE.

USE DILUTION TABLE

<u>RAPIDYNE</u>	<u>WATER</u>	<u>IODINE</u>
2 oz.	13 gallons	50 ppm
1 oz.	13 gallons	25 ppm
1 oz.	30 gallons	10 ppm

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NOTE: RAPIDYNE is recommended for use in stainless steel equipment only.

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DIRECTIONS FOR USE

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

FOR USE IN PLANTS

SOFT DRINK PLANTS IN-PLACE SANITIZING: For one-step in-place sanitizing of bottling or pre-mix dispensing equipment, thoroughly rinse equipment with cold or lukewarm water. Fill equipment with a solution of 1 oz. RAPIDYNE to 13 gallons of water (25 ppm titratable iodine). Allow the solution to remain in contact with equipment until operations resume, at least one minute. Drain sanitizing solution from the system. To insure the thorough removal of flavors, it is suggested that during change-over between products, the system should be flushed with a sanitizing solution of RAPIDYNE. Rinse thoroughly with water before the use of sanitizing solution (1 oz. of RAPIDYNE to 13 gallons of water). For sanitizing and disinfecting exterior portions of the equipment, thoroughly wet and scrub surface with a solution of 2 oz. of RAPIDYNE to 13 gallons of water. Rinse before use.

SANITARY FILLING: RAPIDYNE is recommended for use in sanitizing bottles or cans in the final rinse application. RAPIDYNE is proportioned into the final rinse water line of the container washer or rinser in concentration of 8 to 12 ppm. The exact concentration required will be determined by local conditions. Allow one minute contact time. A RAPIDYNE solution containing 20 to 25 ppm should be use in an external spraying application for the filler and closing machine. RAPIDYNE is also recommended for use in the internal filler sanitation program.

STORAGE TANK SANITIZING: RAPIDYNE is recommended for sanitizing beer fermentation and holding tanks. A solution of 20 to 25 ppm should be applied by spraying or used in combination with automated cleaning systems. A final fresh-water rinse is not recommended.

FOR USE IN DAIRIES:

MILKING CLAW SYSTEM: For use through claws between milking each cow. Helps reduce micro-organisms on liners which may cause mastitis.

Step #1: Pre-rinse thoroughly with potable water or a thoroughly mixed solution containing 1 oz. of RAPIDYNE per 13 gallons of water. This solution provides 25 ppm titratable iodine.

Step #2: Flush system with a thoroughly mixed solution containing 1 oz. of Rapidyne per 13 gallons of water. Allow at least one minute contact time.

Step #3: Thoroughly drain system.

WASH DOWN HOSES: For general cleaning in the milking parlor, use a thoroughly mixed solution containing 1 oz. of RAPIDYNE per 13 gallons of water. Thoroughly hose down all surfaces.

UDDERWASH: To clean cow's teat prior to milking, use a well mixed solution containing 1 oz. RAPIDYNE per 13 gallons of water. Wash teats and flanks thoroughly, then dry with a clean, single service paper towel.

IMPORTANT: Follow State and local Health Department requirements for sanitizing milking equipment. Do not mix RAPIDYNE with hot water. Use cool or tepid water only.

NET CONTENTS:

LOT NUMBER:

Made in USA

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