

FILED 4253-2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 11 1993

Mr. Richard Beach, Regulatory Specialist
 WestAgro, Inc.
 11100 N. Congress Ave.
 Kansas City, MO. 64153-1222

Dear Mr. Beach:

Subject: Dyne Detergent Germicide
 EPA Registration No. 4959-9
 Your Submission Dated December 14, 1992

This is in response to your submission noted above of a revised Confidential Statement of Formula (CSF) and label. The following comments apply.

The revised and updated CSF dated December 14, 1992 is filled out completely and it is in compliance with PR Notice 91-2. It agrees with the nominal concentration label claim and is acceptable.

This formulation is cleared under the Federal Food, Drug and Cosmetic Act for use on food processing equipment and utensils and on dairy processing equipment.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment bearing the amended labeling.

Sincerely,



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

CONCURRENCES

SYMBOL	H-7504C						
SURNAME	Wray						
DATE	6-10						

DYNE®

DETERGENT GERMICIDE

BEST AVAILABLE COPY

Non-Foaming Pipeline Detergent-Germicide for Dairy C.I.P.
FOR FARM OR INDUSTRIAL USE

ACTIVE INGREDIENTS:

Iodine*	1.6%
Phosphoric Acid	40.0%
INERT INGREDIENTS	58.4%
Total	100.0%

*From Sodium N-Cyclohexyl-N-Palmitoyl Taurate Iodine Complex and Dodecyl benzene Sulfonic Acid-Iodine Complex

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUN 11 1993
Under the National Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registration under EPA Reg. No.
4959-9

DIRECTIONS FOR

It is a violation of Federal law to use this product in a manner
FARM USE

- PRE-FLUSH.** Immediately after milking, remove gross food from the pipeline with potable water pre-flush, or when necessary, a pre-soak solution. Thoroughly flush the entire pipeline and discharge to drain.
- CLEAN.** Thoroughly wash all surfaces with Dymate® Clean solution.
- ACID RINSE.** Rinse line thoroughly after the cleaning cycle with a solution containing a 1 ounce DYNE per 10 gallons of water.
- SANITIZE.** Immediately before milking, sanitize the system with a solution containing 1 ounce Dyne per 10 gallons of water, allowing a contact time of 2 minutes. For spray application, use a solution containing 12 1/2 ppm titratable iodine. For spray application to 5 gallons of water providing 25 ppm titratable iodine. The

Important: Follow State and Local Health Department requirements for equipment.

Dyne is its own indicator of germicidal activity. The amber color of the active ingredient - iodine. Not adversely affected by contact with cold water.

FOOD PLANT USE:

Use Dilution Table

DYNE	WATER	IODINE
1 oz. +	5 GAL =	25 ppm
1 oz. +	10 Gal =	12 1/2 ppm

BULK TANKS, VATS AND UTENSILS: Scrape or pre-clean with an alkaline cleaner and rinse with potable water. Sanitize with a solution of 1 ounce of Dyne to 10 ounces of water by either brush, soak or spray. Allow for a minimum contact time, drain solution thoroughly.

For mechanical operation, the prepared use solution may not be reused for other purposes such as cleaning. Fresh sanitizing solution should be used more often if the solution becomes diluted or soiled.

Dyne is formulated for use in bottling, beverage, and food processing plants to insure sanitary filling procedures. Dyne may be used at 25 ppm iodine as a sanitizer in processing plants to reduce cross contamination.

Soft Drink Plants In-Place Sanitizing: For one-step in place sanitizing of dispensing equipment, thoroughly rinse equipment with cold water. Then spray with a solution of 1 ounce of Dyne to 10 gallons of water (12 1/2 ppm iodine) and remain in contact with equipment for at least 2 minutes. Drain thoroughly.

Dairy Equipment Sanitizing: Pre-clean equipment with a lukewarm water solution. Rinse with potable water. To sanitize, spray with a solution of 1 ounce Dyne to 5 gallons of water (25 ppm iodine) and allow for a minimum contact time. Thoroughly drain solution.

STORAGE AND DISPOSAL

STORAGE: Keep container closed when not in use. Do not use in confined areas.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed with this product. Wastes are acutely hazardous. Improper disposal of pesticide wastes is a violation of Federal law. If these wastes cannot be disposed of by use, contact your State Pesticide or Environmental Control Agency representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse. Then offer for recycling or disposal in a sanitary landfill, or incineration, or, if allowed by burning, if burned, stay out of smoke.

NET CONTENTS:
LOT NO.:

Made in USA

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENT: HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CORROSIVE. Causes eye and skin damage. Do not get in eyes, on skin or clothing. Wear protective goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Wash thoroughly with soap and water after handling.

PHYSICAL AND CHEMICAL HAZARDS:

Mix only with water following label directions. Do not mix with chlorinated cleaners or sanitizers. Toxic chlorine gas will be formed. Contact with soft metals may generate hydrogen gas. Do not use or store near heat or open flame.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance, contact the regional office of EPA.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

IF IN EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

IF SWALLOWED: Drink large quantities of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting does occur, repeat giving several glasses of water. Avoid alcohol. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

In Case of a Chemical Emergency, Call ChemTrec at 1-800-424-9300.

EPA Reg. No. 4959-9
EPA Est. No. 4959-K-01

Manufactured by

WESTAGRO®

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WEST AGRO, INC. / Kansas City, Missouri 64153
"THE OLDEST NAME IN NEW TECHNOLOGY"

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