

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20480

EPA REGISTRATION NO.

DATE OF ISSUANCE

52779-9

APR 3 1985

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Magna Din-5

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Abram Pharmaceutical, Inc.
P.O. Box 13588
Research Triangle Park, NC 27709

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is conditionally registered in accordance with FIFRA sec.

3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 52779-9" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

A. E. Castillo
A. E. Castillo
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

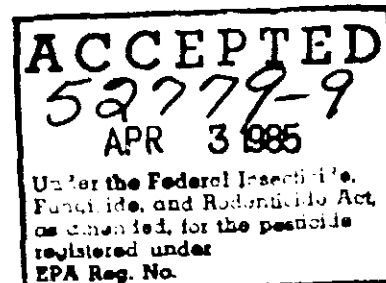
DATE

APR 3 1985

(CENTER PANEL)

M A G N A D I N - 5

Iodine Disinfectant, Detergent, Sanitizer
for
Poultry Drinking Water, Processing Plant,
Milk Processing Equipment, Institutional
Food Services, Livestock and Pultry Housing



Active Ingredients

alpha (p-Nonylphenyl) - omega-hydroxypoly
(oxyethylene)-iodine complex
(providing 1.75% titratable iodine) 23.75%

Phosphoric acid 6.00%

Inert Ingredients 70.25%
100.00%

KEEP OUT OF REACH OF CHILDREN

D A N G E R

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before rewearing.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatine solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Registration No.
EPA Establishment No. 52779-NC-01
Net Contents One Gallon

FOR SALE, FOR USE, AND STORAGE BY
MAINTENANCE PERSONNEL ONLY

MANUFACTURED BY:
ABRAM PHARMACEUTICAL, INC.
P.O. Box 13588 - Research Triangle Park, NC 27709
Biotechnology for the Future

MAR 22 1985

(RIGHT PANEL)

D I R E C T I O N S F O R U S E

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

MAGNA DIN-5 is a proven one-step cleaner disinfectant containing iodine as the broad-spectrum germicide complexed with anionic surfactants. MAGNA DIN-5 can also be used as a sanitizer for food contact surfaces.

Apply MAGNA DIN-5 with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wet. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when use solution becomes visibly dirty or any noticeable change occurs in the initial color of the solution.

APPLICATION AND USE DILUTION

HATCHERY USE: Dip clean hatching eggs in iodine solution prepared by adding one ounce of MAGNA DIN-5 to each 5 gallons of water (to provide 25 ppm titratable iodine). Eggs should be immersed at least two minutes, drain and air dry..

DAIRY USE: MAGNA DIN-5 can be used to disinfect milking utensils and equipment. Pre-flush or pre-scrape and, when necessary, pre-soak treatment to remove grass food particles. Wash surfaces with a good detergent or compatible cleaver, followed by a potable water rinse prior to application of the sanitizing solution. Take all parts of milking machine and place (except pulsator) in lukewarm water containing one ounce of MAGNA DIN-5 in five gallons of water (25 ppm). Brush thoroughly and soak for at least one minute, drain and air dry. Do not use hot water. Wash parts and other equipment by the same method. Bulk milk tanks can be cleaned by flushing out all milk with water. The tank and all pipes should be filled and brushed with lukewarm water containing one ounce of MAGNA DIN-5 in 5 gallons of water. Drain thoroughly and let air dry. NO POTABLE WATER RINSE IS REQUIRED.

CATTLE USE: Wash the region and udder with one ounce of disinfectant in 5 gallons of water (25 ppm). Use of clean towel for each cow. Never reuse towel. Do not dip used towel back into disinfectant solution.

SWINE USE: Before placing sows in farrowing pens or crates, scrub down flanks and udder with one ounce of MAGNA DIN-5 per 5 gallons of lukewarm water (25 ppm). Let sow drain dry and do not rinse until just before farrowing.

MAR 22 1975

FOOD PROCESSING AND BEVERAGE: Use one ounce of disinfectant in 5 gallons of water (25 ppm available iodine) as the final sanitizing rinse on previously cleaned food processing equipment and utensils. NO POTABLE WATER RINSE IS REQUIRED.

MEAT POULTRY PROCESSING FACILITIES: MAGNA DIN-5 is authorized by USDA for use in federally inspected meat and poultry plants. Equipment and premises in official poultry and red meat processing plants which have previously been cleaned, may be sanitized by adding one ounce of MAGNA DIN-5 to 5 gallons of water (25 ppm active iodine). NO POTABLE WATER RINSE IS REQUIRED.

POULTRY DRINKING WATER: Use one ounce of MAGNA DIN-5 in 5 gallons of water to give 25 ppm available iodine. Add directly to the water.

FARMS, POULTRY USE, DOG KENNELS, FARROWING PENS, HOG PENS, AND CALF STALLS: Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals. After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried.

MAR 22 1955

(LEFT PANEL)

MAGNA DIN-5 is an iodine germicide complexed with a nonionic surfactant which offers excellent germicidal activities.

MAGNA DIN-5 offers many advantages:

- The FDA approved using 25 ppm of available (titratable) iodine as prescribed in the Federal Food Additive Regulation, Section 121.2547 (b) (5) and 178.1010 (b) (5) (a) (4) for food processing and milk processing equipment.
- It is a free rinsing, non-staining disinfectant for food processing equipment. It kills a wide range of microorganisms. The sanitizing activity of MAGNA DIN-5 is not affected in water hardness up to 500 ppm CaCO₃.
- Compatible with a wide range of cationic and anionic detergents.
- The surface wetting agent in the formula promotes penetration of iodine to areas where needed. It is not a skin irritant.
NO POTABLE WATER RINSE IS REQUIRED.

MAGNA DIN-5 in use dilution is non-staining, non-corrosive, non-toxic and non-irritating and is highly recommended for use in animal hospitals, dairy industries, food preparation areas, animal facilities, processing plants and many other facilities.

DILUTIONS:

Strength	Ounce MAGNA DIN-5 per gallon of water
25 ppm	1 oz. per 5 gal. water
100 ppm	4 oz. per 5 gal. water
150 ppm	6 oz. per 5 gal. water

Precautionary Statements
Hazard to Humans
and Domestic Animals

D A N G E R

Keep out of reach of children. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles, or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

S t o r a g e a n d D i s p o s a l

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

MAR 22 1964

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of 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.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or re-conditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Made in the USA

MAR 22 1988