

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
8818-4

DATE OF ISSUANCE

TERM OF ISSUANCE

APR 22 1980

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Metronidazole

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

WALL
P. O. Box 511
Chicago, IL 60686

Attn: Signl. Serial

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8818-4
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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) take the following actions listed below before you release the product for sale:

- a. Add the name "EPA Registration No. 8818-4."
- b. Include the words "Manufactured by", "Sold by" or "Manufactured for" above your company name.

(3) submit five (5) copies of your final printed labeling to and release the product for sale only after to the EPA Enclosure for a written description of final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

10/12

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 5(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division H7505C

Enclosure

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Keep out of reach of children. Causes eye irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing the active ingredient into lakes, streams, ponds, or public waters unless this product is specifically identified and addressed in the NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your Regional Office of the Environmental Protection Agency.

PHYSICAL & CHEMICAL PROPERTIES

Metronidazole, (2-methyl-5-nitroimidazole-1-yl) $C_6H_8N_4O_3$ with a mol wt. of 171.16, white to pale yellow powder. The crystals are colorless, and are stable in air, but darken on exposure to light. Metronidazole crystals are soluble at 20°C: 1.00 ml/1.0 in water; 0.5 ml/0.05 in ether and chloroform; 1.0 ml/1.0 in dimethylformamide. The compound has a melting point of 158-160°C. Aqueous solution has a pH of 5.8. The density of the fluffed material is 33.5 lb/cu ft and the packed material is 44.4 lb/cu ft.

Additional data on metronidazole is available to customers on request.

Metronidazole

[CAS 443-48-1]

NOT FOR HUMAN USE
FOR FORMULATION
OF BACTERICIDES

NOT FOR INGESTION OR USE ON HUMANS
ACTIVE INGREDIENT
METRONIDAZOLE
(2-METHYL-5-NITROIMIDAZOLE-1-ETHANOL)..... 97%
INERT INGREDIENTS..... 3%

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of water, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol.

IF IN EYES: Flush with plenty of water. Get medical attention.

(SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS)

E.P.A. REGISTRATION NO. 8818-X
E.P.A. ESTABLISHMENT NO. 8818-GA-001

SEARLE CHEMICALS INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THIS PRODUCT OR USE OF THIS PRODUCT, OTHER THAN AS INDICATED ON THE LABEL.

NET CONTENTS _____ POUNDS (_____ KILOGRAMS)

Distributed by

SEARLE

Searle Chemicals Inc
Subsidiary of G.D. Searle & Co., Box 8526, Chicago, Illinois 60680

ACCEPTED
with COMMENTS
by EPA Under Label

JUN 12 1990

Under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No. 8818-X-4

It is a violation of the labeling act if this product is used in a manner not specified on the labeling. Metronidazole is an active ingredient in a microbiocidal anaerobic bactericide, Desulfovibrio, and tertiary oil wells with pounds of gallons of water maintenance concentration level where kept in check. Metronidazole is suggested.

STORAGE
PROHIBITED
DO NOT
FEED TO
DISPOSABLE
PROHIBITED

PESTICIDE D
Improper d
rinstate is
these wast
according
your stat
control ag
representat
office for

CONTAIN
Complete
stripping
particles
(100 lb/gal)
and outer
praying
and disposal

Formulator responsible for registration