

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 an 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-ethanol) C₆H₉N₃O₃ with a mol wt. of 171.16, is a white to pale yellow powder. The crystals are odorless, and are stable in air, but darken on exposure to light. Metronidazole crystals solubility at 20°C (g/100ml): 1.2 in water, 0.5 in ethanol; 0.05 in ether and chloroform. Sparingly soluble in dimethylformamide. The crystals have a melting point of 158-160°C. The 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.

Efficacy data on metronidazole is available to Formulators on request.

Label A09960 1

Metronidazole

[CAS 443-48-1]

**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 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. 8818-4
E.P.A. ESTABLISHMENT NO. 8818-EN-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)

Manufactured for

SEARLE

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

NOT REVIEWED

In Accordance with FR Notice 82-2,
Based on Draft Labeling Dated

6/12/10

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Metronidazole as contained in this package is intended for use by formulators as an active ingredient in the formulation of microbiocides used to inhibit the growth of anaerobic bacteria such as the Bacterium Desulfovibrio desulfuricans in the secondary and tertiary oil recovery process of flooding oil wells with water. An initial dosage of 1 to 2 pounds of Metronidazole to every 2400 gallons of water is recommended. The maintenance concentration is determined by the level where H₂S in the flooding water is just kept in check. Incremental additions of Metronidazole to keep a range of 5 to 10 ppm is suggested.

STORAGE AND DISPOSAL

PROHIBITIONS

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.

PESTICIDE DISPOSAL

Improper disposal of excess pesticide 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.

CONTAINER DISPOSAL

Completely empty liner by shaking and tapping sides and bottom to loosen particles. Empty residue into application equipment. Then dispose of liner and outer package in a sanitary landfill or by incineration if allowed by state and local authorities.

PL 31
8818-4
Pg. 1 of 2

Formulators who use this product are responsible for providing data to support their registration.

Contents Made in India