

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 is a white to light tan crystalline powder with a melting point of 171-176 degrees Fahrenheit. The crystals are slightly hygroscopic and do not darken on exposure to light. Metronidazole crystals are soluble in water (0.5 g/100 ml) and in chloroform, benzene, and dimethylformamide. The crystals have a melting point of 158-160 degrees Celsius. A saturated solution has a pH of 5.8. The density of the bulk material is 33.5 lb./cu. ft. and the packaged material is 34.7 lb./cu. ft.

For a complete list of physical and chemical properties, contact your Regional Office of the Environmental Protection Agency.

BEST AVAILABLE COPY

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)
INERT INGREDIENTS

and in industrial/commercial recirculating water cooling towers
97%
3%

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, 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. 8818-3
E.P.A. ESTABLISHMENT NO. 8818-

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)

SEARLE

Searle Chemicals Inc.
Subsidiary of G.D. Searle & Co., Box 5476, Chicago, Illinois 60680

ACCEPTED
APR 05 1989
Under registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8818-3

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 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.

or recirculating cooling tower

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.

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