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DIRECTIONS FOR USE

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

PAPER MILLS - CYTOX® 3522 Industrial Microbiocide is added to the white water system or to the stock furnish at a normal rate of 2 to 8 fluid ounces per ton of paper. Apply at a point in the system where the product will be uniformly mixed. The exact dosage will depend upon operating conditions and the extent of microbiologic contamination of the system. If slime buildup is heavy, addition is best made in periodic shock dosages such that the total required dosage is added within a two to four-hour period. Badly fouled systems must be cleaned before treatment is begun. Otherwise, the microbiocide may be metered continuously into the system at the recommended dosage for control of the following microorganisms:

- | | |
|---------------------------------------|----------------------------------|
| Bacteria: Aerobacter aerogenes | Fungi: Aspergillus flavus |
| Bacillus mycoides | Aspergillus niger |
| Desulfobivrio desulfuricans | Chaetomium globosum |
| Flavobacterium brevis | Penicillium citrinum |
| Pseudomonas aeruginosa | Penicillium digitatum |
| Proteus vulgaris | |
| Sphaerotilus natans | |

SECONDARY OIL RECOVERY - For control of sulfate-reducing bacteria in water used for secondary oil recovery or surface injection, 1 to 8 fluid ounces of CYTOX® 3522 Industrial Microbiocide per 1000 gallons of water (10 to 62 parts per million of product) as a slug treatment once or twice a day is effective. Apply at a point in the system where the product will be uniformly mixed.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS - CYTOX® 3522 Industrial Microbiocide controls bacteria, yeasts, fungi and algae in industrial recirculating cooling water systems. The product should be added at a point in the system where it will be uniformly mixed with the contained water.

Initial Dose: When the system is noticeably fouled, apply 6 to 13 fluid ounces per 1000 gallons of water (45 to 100 parts of CYTOX® 3522 Industrial Microbiocide per million parts of water) daily until control is achieved.

Subsequent Dose: When a microbial control is evident, add 2 to 8 fluid ounces per 1000 gallons of water in the system (12.5 to 62 parts of CYTOX® 3522 Industrial Microbiocide per million parts of water) every 2 to 7 days depending on the severity of the problem. Badly fouled systems must be cleaned before treatment is begun.

Begin treatment when the system is in jeopardy of becoming affected or after cleaning systems whose efficiency is already impaired.

CYTOX® 3522 Industrial Microbiocide is intended for control of the following microorganisms:

- | | |
|---------------------------------------|----------------------------------|
| Algae: Albenia flos-aquae | Fungi: Aspergillus flavus |
| Microcystis aeruginosa | Aspergillus niger |
| Chlorella vulgaris | Penicillium citrinum |
| Chlamydomonas reinhardi | Penicillium digitatum |
| Nitzschia palea | |
| Bacteria: Aerobacter aerogenes | |
| Bacillus mycoides | |
| Desulfobivrio desulfuricans | |
| Flavobacterium brevis | |
| Pseudomonas aeruginosa | |
| Proteus vulgaris | |



READ ALL PARTS OF THIS LABEL

CYTOX® 3522 Industrial Microbiocide

DANGER!

KEEP OUT OF REACH OF CHILDREN
CORROSIVE
CAUSES EYE DAMAGE AND SKIN IRRITATION
HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN
COMBUSTIBLE

See side panel for additional precautions

ACTIVE INGREDIENT:
Methylenebls (thiocyanate).....10%
INERT INGREDIENTS.....90%

EPA Reg. No. 49854-1 EPA Est. No. 241-CT-1

NET CONTENTS: 54 Gallons
(0.94 pounds active ingredient per gallon)

DO NOT GET IN EYES

Wear goggles or face shield when handling. Do not put your fingers to your eyes.

DO NOT GET ON SKIN

Wear rubber gloves when handling and wash thoroughly afterward.

DO NOT GET ON CLOTHING

If you spill some of this product on your clothing or shoes, remove the contaminated clothing and shoes at once and wash them before reuse.

FIRST AID 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 reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not immediately available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DANGER TO FISH AND WILDLIFE

This product is toxic to fish and wildlife. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

IN CASE OF ACCIDENT

SPILL OR LEAK. Cover spill with sawdust or other absorbent material. Wear goggles or face shield and rubber gloves. Sweep up absorbed spill and incinerate or bury in a landfill. Flush spill area with water.

FIRE. On small fire use dry chemical or carbon dioxide. On large fire use water spray. Wear self-contained breathing apparatus and full protective clothing.

COMBUSTIBLE

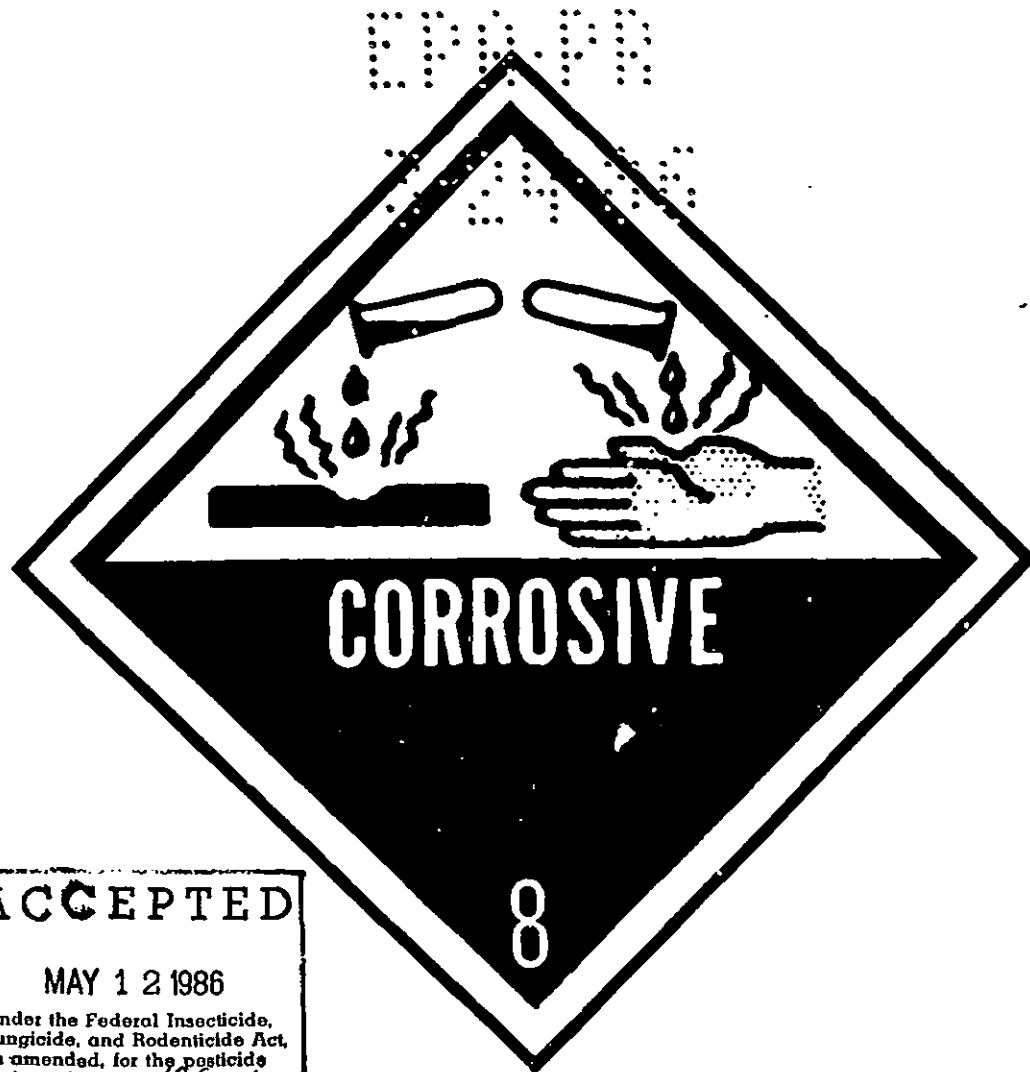
Do not use, pour, spill or store this product near heat or open flame.

STORAGE AND DISPOSAL

Store this product between 60°F and 140°F. Keep away from strong oxidizing agents. Keep drums tightly closed when not in use. Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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. Triple rinse drum. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

CONDITIONS OF SALE

The buyer of this material is granted a license under U.S. Patents Nos. 3,252,855 and 3,300,375 to practice methods of inhibiting the growth of algae and sulfate-reducing bacteria, limited to the use of the within contents, a prepaid royalty being included in the selling price. A non-transferable license under either of such patents to practice its methods may be obtained on current royalty terms whatever the source of methylenebisthiocyanate used.



ACCEPTED
MAY 12 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under 49854-1
EPA Reg. No.

**CORROSIVE Liquid, N.O.S.
UN 1760 Flash Point 183° F**