

DIRECTIONS FOR USE

PAPER MILLS - Add CYTOX 3522N to the white water system or to the process water at a point where it will be uniformly mixed. Apply at a dosage of 1 to 8 fluid ounces per 100 gallons of water. The exact dosage will depend upon operating conditions and the extent of microbial growth in the system. If slime buildup is heavy, additional treatment is provided. Track passages such that the total required dosage is added with a two to four hour period. Badly fouled systems must be cleaned before treatment is begun. Otherwise, the microbiocide may be rendered ineffective. Add the system at the recommended dosage to control the following microorganisms:

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|---------------------------------------|----------------------------|
| <i>Bacterium thuyoides</i> | <i>Chaetomium globosum</i> |
| <i>Desulfotomaculum autotrophicum</i> | <i>Cladophora</i> |
| <i>Flavobacterium</i> | <i>Penicillium</i> |
| <i>Microthrix parviflora</i> | <i>Trichomonas</i> |
| <i>Microthrix</i> | |
| <i>Thamnidium</i> | |

SECONDARY OIL RECOVERY - For control of sulfate-reducing bacteria in water used for secondary recovery or surface injection. 1 to 8 fluid ounces of CYTOX 3522N per 100 gallons of water (10 to 62 parts per million of product) as a shock 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 3522N 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. For best results, when the system is heavily fouled, apply 6 to 12 fluid ounces per 100 gallons of water (6 to 12 parts per million) of CYTOX 3522N per million parts of water. If the system is not heavily fouled, add sequential doses. When no microbial control is evident, add 2 to 8 fluid ounces per 100 gallons of water to the system. 12 to 62 parts per million of CYTOX 3522N will control waterborne bacteria for 30 days depending on the severity of the problem. In recirculating systems, some may be cleaned before treatment is begun.

Despite treatment, there is a possibility of becoming affected or of becoming affected by the product if the eyes are already impaired.

CYTOX 3522N is effective against the following microorganisms:

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|--------------------|----------------------------|
| <i>Aspergillus</i> | <i>Aspergillus flavus</i> |
| <i>Aspergillus</i> | <i>Aspergillus niger</i> |
| <i>Chaetomium</i> | <i>Chaetomium globosum</i> |
| <i>Cladophora</i> | <i>Cladophora</i> |
| <i>Cladophora</i> | <i>Cladophora</i> |



READ ALL PARTS OF THIS LABEL

CYTOX[®] 3522N Industrial Microbiocide

DANGER!

ACTIVE INGREDIENT:
Methylenebis (thiocyanate) 10
INERT INGREDIENTS 90

EPA Reg. No. 1730-41 EPA Est. No. 241-CT-1

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

AMERICAN CYANAMID COMPANY
INDUSTRIAL CHEMICALS AND PLASTICS DIVISION • WAYNE, NEW JERSEY 07470

DO NOT GET IN EYES

Wear goggles or face shield when handling. If it gets into your eyes, flush with plenty of water.

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 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 if these are not immediately available. Drink large quantities of water. Avoid food. Call a physician immediately. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

Diagnosis and treatment may be complicated by the use of cyanide. Measure cyanide in the blood and urine if necessary. Do not give any food or drink until the patient is conscious.

DANGER TO FISH AND WILDLIFE

This product is toxic to fish and aquatic life. Do not discharge into streams, rivers, lakes, ponds, or other bodies of water. Do not discharge into water supply reservoirs. Do not discharge into the environment. Do not discharge into the ground.

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 convulsions 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 creeks, 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.

DRUM DISPOSAL

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

DO NOT CONTAMINATE FOOD

Store this product away from food and feed.

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 container, 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 methylene diethanolamine used.



CORROSIVE LIQUID, N.O.S