

DIRECTIONS FOR USE

PAPER MILLS - CYTOX 3522 is added to the white water system or to the stock furnish at 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: <i>Aerobacter aerogenes</i>	Fungi: <i>Aspergillus flavus</i>
<i>Bacillus mycodans</i>	<i>Aspergillus niger</i>
<i>Desulfotribrio desulfuricans</i>	<i>Chaetomium globosum</i>
<i>Flavobacterium brevis</i>	<i>Penicillium citrinum</i>
<i>Pseudomonas aeruginosa</i>	<i>Penicillium digitatum</i>
<i>Proteus vulgaris</i>	
<i>Sphaerotilus natans</i>	

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 per 1000 gallons of water (10 to 62 parts per million 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 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.

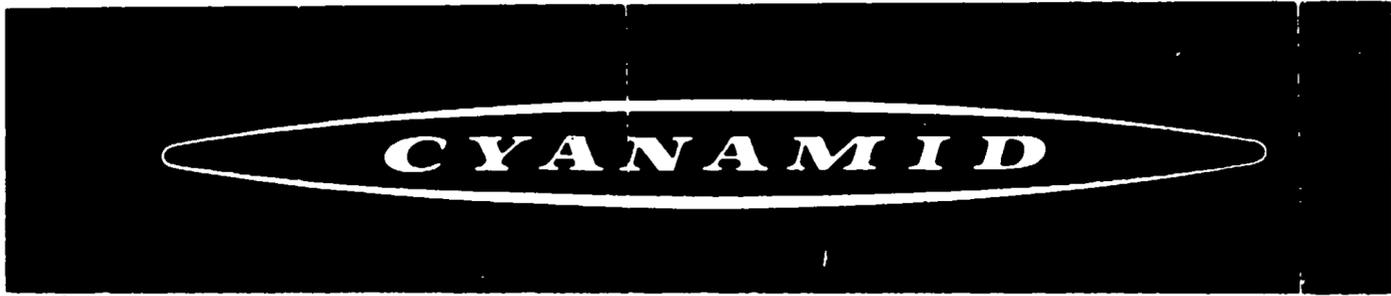
Initial Dose - When the system is noticeably fouled, apply 6 to 13 fluid ounces per 1000 gallons of water (45 to 100 parts of CYTOX 3522 per million parts of water) daily until control is achieved.

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 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 or becoming affected after cleaning systems whose efficiency is already impaired.

CYTOX 3522 is intended for control of the following microorganisms:

Algae: <i>Achnanthes aquaticum</i>	Fungi: <i>Aspergillus flavus</i>
<i>Microcystis aeruginosa</i>	<i>Aspergillus niger</i>
<i>Scenedesmus quadricauda</i>	<i>Chaetomium globosum</i>
<i>Ulothrix</i> sp.	<i>Penicillium citrinum</i>
<i>Nitzschia</i> sp.	<i>Penicillium digitatum</i>
Bacteria: <i>Aerobacter aerogenes</i>	
<i>Bacillus mycodans</i>	
<i>Desulfotribrio desulfuricans</i>	
<i>Flavobacterium brevis</i>	
<i>Pseudomonas aeruginosa</i>	
<i>Proteus vulgaris</i>	
<i>Sphaerotilus natans</i>	



READ ALL PARTS OF THIS LABEL

CYTOX[®] 3522 Industrial Microbiocide

DANGER!

See side panel for first aid instructions.

ACTIVE INGREDIENT:

Methylenebis (thiocyanate).....10%

INERT INGREDIENTS.....90%

EPA Reg. No. 1730-12

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 E

Wear goggles on face. Wash hands thoroughly after use.

DO NOT GET ON

Wear rubber gloves when using. Wash hands after use.

DO NOT GET ON CLI

Wash some of this material off shoes. Wash contaminated clothing and shoes and wash them before use.

FIRST AID TREATI

In case of contact, immerse eyes or skin with plenty of water for at least 15 minutes. For eye contact, consult a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink a large quantity of milk or egg white. Do not induce vomiting if these are not available. Drink large quantities of water. Avoid alcohol. Call a physician. Never give anything by mouth to an unconscious person.

NOTE TO PHYSIC

For information on safety hazards, consult the Material Safety Data Sheet. Use of gas masks and other respiratory protection is not recommended.

DANGER TO FISH AND

This product is highly toxic to fish and other aquatic life. Do not use in or near streams, rivers, lakes, ponds, or other bodies of water. Do not use in or near areas where the product may be applied to crops or other plants.

DO NOT GET IN EYES

Wear goggles or face shield when handling. Do not rub eyes if contact occurs.

DO NOT GET ON SKIN

Wash off immediately when contact occurs. 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 with plenty of water for at least 15 minutes. For eyes, continue physical flushing and wash until terminated. Do not get in nose.

If swallowed: Drink plenty of water. Quantity of milk and water equal to size of stomach. Do not induce vomiting. Drink at least 4 glasses of water. Avoid further application of material. Never give anything by mouth to anyone who is unconscious.

NOTE TO PHYSICIAN

For patient information, see Material Safety Data Sheet. For more information, contact the manufacturer. Medical attention should be sought immediately if symptoms persist.

DANGER TO FISH AND WILDLIFE

This product is toxic to fish and wildlife. Do not discharge into water. Do not discharge into water.

IN CASE OF ACCIDENT

SPILL OR LEAK: Cover spill with saw dust or other absorbent material. Wear goggles or face shield and protective gloves. Sweep up absorbent material and incinerate or bury in a land fill. Flush area with water.

SPILL ON SMALL RELEASE: Use chemical neutralizer. Do not use fire extinguisher. 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 manufacturer, never destroy by perforating, crushing and burying in a safe place.

DO NOT CONTAMINATE FOOD

Store this product away from food and feed.

CONDITIONS OF SALE

This product is sold as a limited liability product. Patents Nos. 3,111,111 and 3,111,112 are hereby granted to the manufacturer for the growth of a certain type of bacteria. The manufacturer is not responsible for any damage to property or persons caused by the use of this product. A certain type of bacteria is hereby granted to the manufacturer for the growth of a certain type of bacteria. The manufacturer is not responsible for any damage to property or persons caused by the use of this product.



CORROSIVE LIQUID, N. O. S.