

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

This product is effective in controlling microorganisms such as bacteria, fungi and yeasts which cause deterioration of paper and paperboard products or articles molded from paper pulp. It may be added to the pulp stock in the beater or applied to the formed sheet by size press or rollcoater, or as a uniform spray. If the product is used as a beater additive, the degree of retention of the active ingredient will depend upon nature of the other additives in the system. Technical service is available from the manufacturer of this product to assist customers in making the proper and most efficient use of the product.

**FOOD PACKAGING.** For paper and paperboard intended for use in direct contact with food, the rate of application of this product must be adjusted so that the amount of active ingredient retained does not exceed 0.4 percent by weight of the paper or paperboard. Paper or paperboard so treated may be used only in contact with nonalcoholic food having a pH above 5.

This product may also be used in the outermost ply of multiwall paper bags intended for use as containers for dry food, whose surface contains no free fat or oil, provided the amount of active ingredient retained does not exceed 0.8 percent by weight of that ply.

**PAPER AND PAPERBOARD PRODUCTS FOR INDUSTRIAL OR AGRICULTURAL USE.** When the paper or paperboard product is to be subjected to excessive leaching as by rainfall or contact with ground water, a concentration of up to 0.8 percent of active ingredient (dodecylguanidine hydrochloride) by weight of the paper or paperboard may be required for effective microbial control.

READ ALL PARTS OF THIS LABEL

10/2

# CYTOX® 2013-1

## Industrial Microbiocide

(FOR USE AS A PRESERVATIVE OF PAPER AND PAPERBOARD PRODUCTS)

**DANGER! KEEP OUT OF REACH OF CHILDREN**  
**CORROSIVE**  
**CAUSES EYE DAMAGE AND SKIN IRRITATION**  
**HARMFUL OR FATAL IF SWALLOWED**  
**COMBUSTIBLE**

See side panel for additional precautions

BEST AVAILABLE COPY

**ACTIVE INGREDIENT:**

Dodecylguanidine hydrochloride .....

**INERT INGREDIENTS** .....

EPA Reg. No. 49854-16

EPA Est. No. 1730-WV

**NET CONTENTS: 53 Gallons**

**(2.64 pounds active ingredient per gallon)**

**CONDITIONS OF SALE**

Nothing contained herein shall be construed to imply the nonexistence of any relevant patent, nor constitute permission or recommendation to practice any invention covered by any patent owned or controlled by American Cyanamid or authorization from the owner or party controlling the patent. The patents owned or controlled by American Cyanamid licensed include, but are not limited to, U.S. Patent Numbers, 2,906,595, and 3,436,461 and such named patents are pending upon written request.

### 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.

### STATEMENTS OF PRACTICAL 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.

Wear self-contained breathing apparatus and full protective clothing.

### COMBUSTIBLE

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

### STORAGE AND DISPOSAL

Store this product between 60°F and 110°F. Keep drum tightly closed when not in use. Do not contaminate water, food, or feed by storage 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 Waste representative at the nearest EPA Regional Office for guidance. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, 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 State Water Board or Regional Office of the EPA.

ACCEPTED

MAY 12 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 49859

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READ

# CYTO

# Industrial

(FOR USE AS A PRESERVATIVE)

**DANGER! KEEP OFF  
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CAUSE  
HARM  
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**ACTIVE INGREDIENT**  
Dodecylguanidine hydrochloride  
**INERT INGREDIENT**

EPA Reg. No.

(2.1)

Nothing contained herein shall be construed to constitute an endorsement or recommendation to practice any invention or process without the prior written authorization from the owner or party controlling the rights therein, or to include, but are not limited to, U.S. Patents, trademarks, or other rights, without the prior written request.

Am  
WAYNE, NEW JERSEY

4/2 1985-16

**HAZARDOUS TO HUMANS  
AND DOMESTIC ANIMALS  
DANGER**

**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.

**STATEMENTS OF PRACTICAL  
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.

**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 flame.

**STORAGE AND DISPOSAL**

Store this product between 60°F and 110°F.  
Keep drum tightly closed when not in use. Do  
not contaminate water, food, or feed by  
storage 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 Waste  
representative at the nearest EPA Regional  
Office for guidance. Triple rinse (or equivalent).  
Then offer for recycling or reconditioning,  
or puncture and dispose of in a sanitary  
landfill, or incineration, or, if allowed by state  
and local authorities, by burning. If burned,  
stay out of smoke.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge  
effluent containing this active ingredient into  
lakes, streams, ponds, estuaries, oceans, 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 State Water Board or Regional Office  
of the EPA.



ACCEPTED  
MAY 12 1986  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 49854-16

**Corrosive Liquid, N.O.S.**  
**UN 1760**  
**Flash Point 126°F**