

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 14 2003

Alan Katz/Mike Kelley
 Agents for CYTEC Industries, Inc.
 c/o toXel Toxicology & Regulatory Affairs
 7545 Presidential Lane
 Manassas, VA 20109

Subject: CYTOX 2050-PG
EPA Reg. No. 68387-6
Original Amendment Dated 9/27/02; Resubmissions Dated 10/29/02, 10/30/02

The amendment and re-submissions referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to withdraw the current basic and alternate formula, to have only one formula (a revised basic formula dated 10/29/02) which does not require a flammable liquid statement, to change the primary brand name from "Cytox 2050-P" to "Cytox 2050-PG", and to provide revised labels reflecting this new basic formula and name, is acceptable with the following comments.

1. The revised basic formula dated 10/29/02 is now considered the only acceptable formula for this product. All prior formulas for this product are obsolete and are regulated by the existing stocks regulations.

2. Submit three copies of a final printed label which makes the following corrections. Include a copy of this letter with your submission:

A. On the front panel, delete the English and Spanish statement, "Corrosive; causes eye damage and severe skin irritation. Harmful if swallowed or inhaled". This label already has "Precautionary Statements" on the side panel. To avoid confusion, these statements are only allowed once on the label (they can be placed in entirety on the front panel). Furthermore, the front page partial statements actually conflict with the "Precautionary Statements" (ie., "eye damage" versus "irreversible eye damage"; "harmful if inhaled" versus "may be fatal if inhaled", etc.).

B. Add a version date to the label.

C. Correct the declared "2.64 pounds active ingredient per gallon" on the front panel. Based on the revised basic CSF dated 10/29/02 which indicates a product weight range of 8.0-8.3 pounds/gallon, and a specific density range of 0.96-1.0, our calculations show this declaration should be a range of 2.69-2.8 (ie., $8.0 \times .35 = 2.8$ to $8.3 \times .35 = 2.9$ X 1.0 = 2.9).

SYMBOL							
SURNAME							
DATE							

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A copy of the label stamped "Accepted with comments" is attached for your records.

If you have any questions about the comments in this letter, please feel free to contact Tony Kish at 703-308-9443, or myself at 703-308-6341.

Sincerely,
Tony Kish for

Marshall Swindell,
Product Manager Team 33,
Regulatory Management Branch I
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

CYTEC

Read all parts of this label
LEA CUIDADOSAMENTE ESTA ETIQUETA

CYTOX[®] 2050-PG

Industrial Microbiocide

Microbicida Industrial

For use in recirculating water cooling towers and sewage disposal lagoons
(FOR CONTROL OF ALGAE, BACTERIA AND FUNGI)
(PARA CONTROL DE ALGAS BACTERIAS Y HONGOS)

Before handling this material, read CYTEC Material Safety Data Sheet # 13962 for more detailed safety health and environmental data.

Antes de manejar este material, lea la literatura de Cytec de México, S.A. de C.V. para una información mas detallada acerca de seguridad, salud y protección ambiental. MSDS # 13962

EPA REG No. 68387-6
EPA EST No. 68387-MEX-001

DANGER: KEEP OUT OF REACH OF CHILDREN
CORROSIVE; CAUSES EYE DAMAGE AND SEVERE SKIN IRRITATION. HARMFUL IF SWALLOWED OR INHALED
See side panel for additional precautions.

PELIGRO: Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle.
MANTENGALO FUERA DEL ALCANCE DE LOS NIÑOS.
CORROSIVO; CAUSA DAÑO EN OJOS Y PIEL.
DAÑINO SI SE INGIERE O INHALA.

ACTIVE INGREDIENT / INGREDIENTE ACTIVO
Dodecylguanidine hydrochloride / Clorohidrato de dodecilguanidina.....35 %
OTHER INGREDIENTS / OTROS INGREDIENTES.....65 %
TOTAL 100 %

LOT / LOTE No.
NET CONTENTS: __ Gallons (2.64 pounds active ingredient per gallon)
NET WEIGHT / PESO NETO : __ Kg __ Lbs

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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68387-6

ATTENTION	ATENCION
CONTAINER HEADSPACE MAY CONTAIN HAZARDOUS GAS OR VAPOR. OPEN CONTAINER WITH CARE, USING ADEQUATE VENTILATION AND AVOIDING IGNITION SOURCES.	EL ESPACIO LIBRE DEL TAMBOR PUEDE CONTENER GAS O VAPOR RIESGOSO. ABRA EL TAMBOR CON CUIDADO, USANDO VENTILACION ADECUADA Y EVITANDO FUENTES DE IGNICION.
DO NOT USE AIR PRESSURE OR APPLY HEAT WITH OPEN FLAME TO REMOVE CONTENTS OF CONTAINER.	NO USE AIRE A PRESIÓN NI APLIQUE CALOR CON LLAMA ABIERTA, PARA REMOVER EL CONTENIDO DEL TAMBOR.
AFTER EMPTIED, CONTAINER MAY RETAIN SOLID, LIQUID AND/OR VAPOR RESIDUES. CONTINUE TO OBSERVE ALL PRECAUTIONS, IF ANY, ON LABEL.	OBSERVE LAS MISMAS PRECAUCIONES CUANDO EL TAMBOR ESTE VACIO YA QUE PUEDE CONTENER RESIDUOS SOLIDOS, LIQUIDOS Y/O VAPORES.
DO NOT CUT, PUNCTURE TORCH OR WELD ON OR NEAR EMPTIED CONTAINER. DO NOT USE FOR OTHER PURPOSES.	NO PERFORE, CORTE O SUELDE EN O CERCA DEL TAMBOR VACIO. NO UTILICE EL TAMBOR VACIO PARA OTROS USOS.

CYTEC DE MEXICO, S.A. DE C.V.
ATEQUIZA, JALISCO, 45860 MEXICO
CYTEC Industries Inc. West Paterson, NJ 07424 USA

TELEPHONO DE EMERGENCIA CYTEC (376) 737 - 0004
MEXICO: SETIQ 00214 F3 (55) 5559-1588
Emergency Phone: 1-800 / 424 - 9300 or 703 / 527 - 3887

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

"DANGER. Causes irreversible eye damage and severe skin irritation. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles, face shield, or safety glasses), protective clothing and rubber gloves. Wash thoroughly after handling with soap and water, and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse."

FIRST AID

If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call poison control center, or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment.

NOTE TO PHYSICIAN

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

STORAGE AND DISPOSAL

STORAGE: Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Store this product between 60°F and 110°F. Keep drum tightly closed when not in use.

DISPOSAL: 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 (or equivalent.) Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, if allowed by state and local authorities. If burned, stay out of smoke.

IN CASE OF ACCIDENT: For large spills, a NIOSH approved, positive pressure, self-contained respirator and rainsuit is recommended. Cover spills with some inert absorbent material. Sweep up absorbed spill and place in a waste disposal container for proper disposal. Flush spill area with water.

FIRE: On small fire use dry chemical or carbon dioxide. On a large fire use water spray or alcohol foam. Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

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.

FOR INDUSTRIAL PURPOSES ONLY
PARA USO INDUSTRIAL EXCLUSIVAMENTE
(Art. 1223 LGS)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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68387-6

486

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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.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS. This product reduces the growth of algae, bacteria and fungi in industrial recirculating water cooling towers. Reduction of microbial growth is obtained by the addition of CYTOX 2050-PG as a slug dosage one to three times per week at a dosage of 5.3 to 8.0 ounces (by weight) per one thousand gallons of water in the system (40 to 60 parts of product per million parts of water by weight). Once the reduction is accomplished, the addition of CYTOX 2050-PG can be reduced to a periodic dosage of 2.7 to 5.3 ounces (by weight) per one thousand gallons of water, once per week, or as needed. For application by proportioning pump, these dosages should be calculated on the basis of each one thousand gallons of bleed-off. The basin of the tower or a line from a hot well are suitable addition points. Application should be made to systems when the presence of microbial contamination is first noticed. Water cooling towers which are heavily contaminated should be cleaned manually before treatment with this product. Do not use in potable water systems.

SEWAGE DISPOSAL LAGOONS. This product reduces the growth of algae on the surface of sewage disposal lagoons which, if unchecked, can cause the lagoon to become totally anaerobic and emit odors. Dilute CYTOX 2050-PG with water to accommodate the delivery characteristics of the pump and spray rig, and apply evenly to the surface of the lagoon. Dosage should be 1.0 to 1.5 ounces (by weight) of CYTOX 2050-PG per 100 square feet of surface, depending on the population density of the algal blooms. The interval between treatments will be determined by the reappearance of floating algal blooms and subsequent treatments should be made as spot treatments at the same dosage as the initial treatment. A small outboard motorboat equipped with a tank-pump-spray boom assembly can be used to traverse the lagoon between flagmen on opposite shores in order to lay down an even spray pattern.

526

SCT/DOT/IMO/ICAO/IATA

CORROSIVE, N.O.S.

CORROSIVO, N.E.O.M.

(Contains Propylene glycol, Dipropylene glycol and
Dodecylguanidine Hydrochloride)

(Contiene Propilen glicol, Dipropilen glicol y Clorhidrato de
Dodecilguanidina)

Punto de Inflamación >108.9°C / Flash Point >228°F

UN 1760



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