

68387-6

12-7-2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 07 2001

Alan Katz, Agent for Cytec Industries, Inc.
c/o ToXel Toxicology & Regulatory Affairs
7545 Presidential Lane
Manassas, VA 20109

RE: CYTOX 2050-P Industrial Microbiocide
EPA Reg. No. 68387-6
Your Amendment Dated 9/18/2001

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to

- A. Provide a revised basic and alternate Confidential Statement of Formula (CSF), and to
- B. Provide revised labels which change the declared active ingredient percentage from 33% to 35%, reflect the new registrants name and address, and update the "First Aid" statements, is acceptable provided you make the following two minor labeling changes:

1. Prior to the statement, "Para Uso Industrial Exclusivamente (Art. 1223 LGS)", you must provide the correct English translation.
2. Delete "(Art. 1223 LGS)". The Agency does not accept the need to have this designation.

Two final notes:

The zip code on the CSF's do not match the zip code on the label for Cytec. This needs to be eventually corrected.

If the three Cytec "-P" products, and similarly the "non-P" products, contain an identical formula among each product triad, and only vary by the listed uses, they could be combined into one -P registration and one non-P registration using one "Master Label" for each set. Contact us if there is any interest in this consolidation.

A stamped copy of the accepted label is enclosed for your records.

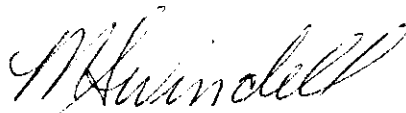
CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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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,



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

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

CYTEC

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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

68387-6

Before handling this material, read CYTEC Material
Safety Data Sheet # 2481 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 # 2481

The following components of this product are listed
in accordance with right-to-know laws:

CAS Number	Component Name
000067-63-0	Isopropanol
000461-58-5	Dicyandiamide
000929-73-7	Dodecylamine hydrochloride
013590-97-1	Dodecylguanidine hydrochloride
000057-55-6	Propylene glycol
007732-18-5	Water

EPA REG No. 68387-6
EPA EST No. 1730-WV-1

Read all parts of this label
LEA CUIDADOSAMENTE ESTA ETIQUETA

CYTOX[®] 2050-P

Industrial Microbiocide

(Dodecylguanidine hydrochloride in isopropanol, propylene glycol and water)
(CLORHIDRATO DE DODECILGUANIDINA EN ISOPROPANOL, PROPILLEN GLICOL Y AGUA)

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)

DANGER: KEEP OUT OF REACH OF CHILDREN
FLAMMABLE LIQUID AND VAPOR
CORROSIVE; CAUSES EYE AND SKIN DAMAGE
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.
LIQUIDO Y VAPORES INFLAMABLES.
CORROSIVO; CAUSA DANO 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

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

CYTEC Industries Inc. West Paterson, NJ 07424 USA

Emergency Phone: 1-800 / 424 - 9300 or 703 / 527 - 3887

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

"DANGER. Causes irreversible eye damage and skin burns. 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.

PARA USO INDUSTRIAL EXCLUSIVAMENTE
(Art. 1223 LGS)

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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-P 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-P 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-P 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-P 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.

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SCT/DOT/IMO/ICAO/IATA
FLAMMABLE LIQUID, CORROSIVE, N.O.S.
LIQUIDO FLAMABLE, CORROSIVO, N.E.O.M.
(Contains Isopropanol and Dodecylguanidine Hydrochloride)
(Contiene Isopropanol y Clorhidrato de Dodecilguanidina)
Punto de Inflamación 52°C / Flash Point 126°F
UN 2924



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