10-18-2007

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



15757-2

United Status Environmental Protection Office of Pesticide Programs

FILE COPY

October 18, 2007

Don O'Shaughnessy 759 Roble Road Allentown, PA 18109

Subject: CDG Solution 3000 EPA Registration No. 75757-2 Application Date: September 25, 2007 Receipt Date: October 09, 2007

Dear Mr. O'Shaughnessy:

This acknowledges receipt of notification, submitted under the provision of PR Notice 98-10 FIFRA section 3 (c) 9.

Proposed Notification

 Addition of 3 Alternate Brand Names: "Metro 3000"
 "ACD-300"
 "CB-1330"

General Comments

Based on review of the material submitted, the following comment applies:

This notification application is accepted and a copy has been placed in your file for future reference.

Should you have any questions or comments concerning this letter, please contact Wanda Henson at (703) 308-6345.

Sincerely, Wanda Y. Henson

Product Reviewer (32) Regulatory Management Branch II Antimicrobials Division (7510P)

SEPA Environ	United States nmental Protect Washington, DC 2	tion Ager	ncy		Registrati Amendmo Other		OPP Ider	9579
	Applicat	tion for P	esticide - S	ection I				
1. Company/Product Number 7575	7-2		2. EPA Product Wanda H	Manager enson		3. Pro	posed Cla	ssification
4. Company/Product (Name) CDG (Solution 3000	v	PM# 32				None	Restricted
5. Name and Address of Applicant <i>(Incl</i> 759 Roble Rd., Allentown,			6. Expedited (b)(i), my produ to: EPA Reg. No	uct is simil	lar or identica	al in con		
Check if this is a new a	oddress		Product Nan	10			. •	
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Resubmission in response to Ag Notification - Explain below. Explanation: Use additional page(s)		ion I and Sec	_ Me To	/ letter date oo" Applicat Explain bel	tion.			: :
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ACD-300TM AN AQUEOUS SOLUTION OF CHLORINE DIOXIDE

This product is intended for the Treatment of Cooling Water and for control of Slime in Cooling Towers.

ACTIVE INGREDIENTS Chlorine dioxide	0.3%
	<u>99.7 %</u>

ACD-300[™] contains 3000 ppm (3000 mg/liter) chlorine dioxide (available chlorine 0.85 %)

KEEP OUT OF REACH OF CHILDREN DANGER POISON!



FIRST AID

If swallowed	Call a 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.
If on skin or clothing	Remove contaminated clothing
	 Rinse exposed skin immediately with plenty of water for 15 to 20 minutes.
	Call a poison control center or doctor immediately for
	treatment advice
If inhaled	Move person to fresh air.
· · ·	 If person is not breathing, call 911 or an ambulance then give artificial respiration.
· .	 Call a poison control center or doctor for further treatment
	advice curre used
If in eyes	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 eve
	 Call a poison control center or doctor immediately for
	treatment advice

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavege

HOTLINE NUMBERS

For chemical spill information call CHEMTREC: 1-800-424-9300 For emergency medical information, call the National Pesticide Information Center at 1-

800	-858-	-7378
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EPA Reg. No. 75757-2

Net Contents _____ Patent Pending

Lot #

EPA Est. No. 75757-PA-1

Manufactured for: International Chemtex Corp. 8287 214th St. West Lakeville, MN 55044

Expiry Date:

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Date

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger – Poison: Corrosive: Causes irreversible eye injury and skin burns. Do not get in eyes or on clothing. Do not breathe vapor or mist. Wear coveralls worn over long sleeve shirt, long pants, socks, chemical resistant footwear, chemical-resistant gloves, goggles, face Shield, or shielded safety glasses and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA / NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA / NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Fatal if swallowed, absorbed through skin or inhaled.

Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the restroom. Remove and wash contaminated clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Keep containers tightly closed when not in use. Store in original container in a dark, dry place away from extremes of heat or freezing conditions. Do not store with easily oxidizable materials, acids, bases, or combustible materials. **This product is to be used as directed within 90 days of the manufacture date indicated on the front panel of this label.**

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of pesticide, prepared solutions, or rinsate is a violation of Federal law. If wastes can not be disposed of according label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of your nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by local and State authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without

previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

ACD-300 is a chlorine dioxide product designed to purify water which has previously been treated in accordance with the Safe Drinking Water Act (SDWA)], including: cooling water in hospitals & healthcare facilities, nursing homes, hotels, commercial office buildings, government buildings, residential buildings, and ships. ACD-300 also is designed to control slime in potable cooling towers. Pathogenic organisms controlled include bacteria and viruses set forth in USEPA Guide Standard Protocol for the Purification of Water (1987), *i.e.*, Klebsiella terrigena, Poliovirus and Rotavirus.

In preliminary laboratory tests, *ACD-300* also has been shown to inactivate pure cultures of *Legionella* bacteria. However, the ability *ACD-300* to control the growth of, or inactivate *Legionella* bacteria in cooling water systems, or other operating environments in which the water may be exposed to UV light, organic material, other microbial contamination and aeration, has not been documented. These preliminary findings also do not address the problem of long-term preventative maintenance of the cooling water systems for which application of this product is intended.

Carefully read and follow the instructions for the ACD-300 dosing equipment provided by the manufacturer or its authorized agent.

COOLING WATER SYSTEMS

ACD-300 is intended for use in cooling water systems which use as their source treated municipal water, including:

- Hospitals Nursing homes
- Schools & public buildings

- Office buildings - Hotels

Posidential buildings

- Animal facilities - Food pr

- Residential buildings
- Food processing plants Beverage production facilities

Minimum contact time for control of listed pathogenic organisms is 5 minutes.

TREATMENT OF COOLING WATER SYSTEMS TO CONTROL SLIME

Add *ACD-300* to the water at a dose of 50 ppm (50 mg/liter) chlorine dioxide (a dilution ratio of 1:60) and circulate or let stand overnight. Drain and rinse with clean water before re-use. To prevent slime growth after initial treatment, add *ACD-300* to the water at a dose of 5.0 ppm (5.0 mg/liter) chlorine dioxide (a dilution ratio of 1:600). **Minimum contact time for control of listed pathogenic organisms is 5 minutes.**

CONDITIONS OF SALE AND WARRANTY

CDG Research Corporation ("CDG"), its Supplemental Distributors and the Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use.

TO THE EXTENT PERMITTED BY LAW, NEITHER CDG NOR ITS SUPPLEMENTAL DISTRIBUTORS MAKE ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS. CDG, its Supplemental Distributors, and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty. No employee or agent of CDG, its Supplemental Distributor, or the Seller is authorized to vary or exceed the terms of this Warranty in any manner.

CB-1330 ™

AN AQUEOUS SOLUTION OF CHLORINE DIOXIDE

This product is intended for the Treatment of Cooling Water and for control of Slime in Cooling Towers.

ACTIVE INGREDIENTS Chlorine dioxide	0.3%
INERT INGREDIENTS	<u>99.7 %</u>
TOTAL	100.00 %
CB-1330 ™ contains 3000 ppm (3000 mg/liter) chlorine dioxide	

(available chlorine 0.85 %)

KEEP OUT OF REACH OF CHILDREN DANGER POISON!



FIRST AID

If swallowed	 Call a 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.
If on skin or clothing	 Remove contaminated clothing Rinse exposed skin immediately with plenty of water for 15 to 20 minutes.
	Call a poison control center or doctor immediately for treatment advice
lf inhaled	 Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration. Call a poison control center or doctor for further treatments advice
If in eyes	 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 immediately for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage

HOTLINE NUMBERS

For chemical spill information call CHEMTREC: 1-800-424-9300 For emergency medical information, call the National Pesticide Information Center at 1-

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EPA Reg. No. 75757-2

Net Contents _____ Patent Pending

Lot #

EPA Est. No. 75757-PA-1

Manufactured for: Water Technologies 8287 214th St. West Lakeville MN 55044

Expiry Date:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Date:

Danger – Poison: Corrosive: Causes irreversible eye injury and skin burns. Do not get in eyes or on clothing. Do not breathe vapor or mist. Wear coveralls worn over long sleeve shirt, long pants, socks, chemical resistant footwear, chemical-resistant gloves, goggles, face Shield, or shielded safety glasses and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA / NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA / NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Fatal if swallowed, absorbed through skin or inhaled.

Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the restroom. Remove and wash contaminated clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Keep containers tightly closed when not in use. Store in original container in a dark, dry place away from extremes of heat or freezing conditions. Do not store with easily oxidizable materials, acids, bases, or combustible materials. **This product is to be used as directed within 90 days of the manufacture date indicated on the front panel of this label.**

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of pesticide, prepared solutions, or rinsate is a violation of Federal law. If wastes can not be disposed of according label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of your nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by local and State authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without

previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

CB-1330 is a chlorine dioxide product designed to purify water which has previously been treated in accordance with the Safe Drinking Water Act (SDWA)], including: cooling water in hospitals & healthcare facilities, nursing homes, hotels, commercial office buildings, government buildings, residential buildings, and ships. CB-1330 also is designed to control slime in potable cooling towers. Pathogenic organisms controlled include bacteria and viruses set forth in USEPA Guide Standard Protocol for the Purification of Water (1987), i.e., Klebsiella terrigena, Poliovirus and Rotavirus.

In preliminary laboratory tests, CB-1330 also has been shown to inactivate pure cultures of Legionella bacteria. However, the ability CB-1330 to control the growth of, or inactivate Legionella bacteria in cooling water systems, or other operating environments in which the water may be exposed to UV light, organic material, other microbial contamination and aeration, has not been documented. These preliminary findings also do not address the problem of long-term preventative maintenance of the cooling water systems for which application of this product is intended.

Carefully read and follow the instructions for the CB-1330 dosing equipment provided by the manufacturer or its authorized agent.

COOLING WATER SYSTEMS

CB-1330 is intended for use in cooling water systems which use as their source treated municipal water, including:

- Nursing homes - Hospitals
- Schools & public buildings

- Office buildings - Hotels
 - Animal facilities - Food processing plants
- Residential buildings
- Beverage production facilities

Minimum contact time for control of listed pathogenic organisms is 5 minutes.

TREATMENT OF COOLING WATER SYSTEMS TO CONTROL SLIME

Add CB-1330 to the water at a dose of 50 ppm (50 mg/liter) chlorine dioxide (a dilution ratio of 1:60) and circulate or let stand overnight. Drain and rinse with clean water before re-use. To prevent slime growth after initial treatment, add CB-1330 to the water at a dose of 5.0 ppm (5.0 mg/liter) chlorine dioxide (a dilution ratio of 1:600). Minimum contact time for control of listed pathogenic organisms is 5 minutes.

CONDITIONS OF SALE AND WARRANTY

CDG Research Corporation ("CDG"), its Supplemental Distributors and the Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use.

TO THE EXTENT PERMITTED BY LAW, NEITHER CDG NOR ITS SUPPLEMENTAL DISTRIBUTORS MAKE ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS. CDG, its Supplemental Distributors, and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty. No employee or agent of CDG, its Supplemental Distributor, or the Seller is authorized to vary or exceed the terms of this Warranty in any manner.

Metro 3000™

AN AQUEOUS SOLUTION OF CHLORINE DIOXIDE

This product is intended for Treatment of Cooling Water and control of Slime in Cooling Towers.

ACTIVE INGREDIENTS Chlorine dioxide	0.3%
	<u>99.7 %</u>
TOTAL Metro 3000 [™] contains 3000 ppm (3000 mg/liter) chlorine dioxide	

(available chlorine 0.85%)

KEEP OUT OF REACH OF CHILDREN DANGER POISON!



FIRST AID

	· · · · · · · · · · · · · · · · · · ·
If swallowed	 Call a 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.
lf on skin or clothing	 Remove contaminated clothing Rinse exposed skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor immediately for treatment advice
lf inhaled	 Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration. Call a poison control center or doctor for further treatment^c advice
lf in eyes	 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 immediately for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage

HOTLINE NUMBERS

For chemical spill information call CHEMTREC: 1-800-424-9300 For emergency medical information, call the National Pesticide Information Center at 1-800-858-7378. EPA Reg. No. 75757-2

Net Contents _____ Patent Pending

Lot #

EPA Est. No. 75757-PA-1

Manufactured for: The Metro Group, Inc., 50 - 23 Twenty Third St. Long Island City, NY 11101

Date:

Expiry Date:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger – Poison: Corrosive: Causes irreversible eye injury and skin burns. Do not get in eyes or on clothing. Do not breathe vapor or mist. Wear coveralls worn over long sleeve shirt, long pants, socks, chemical resistant footwear, chemical-resistant gloves, goggles, face Shield, or shielded safety glasses and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA / NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA / NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Fatal if swallowed, absorbed through skin or inhaled.

Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the restroom. Remove and wash contaminated clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep containers tightly closed when not in use. Store in original container in a dark, dry place away from extremes of heat or freezing conditions. Do not store with easily oxidizable materials, acids, bases, or combustible materials. **This product is to be used as directed within 90 days of the manufacture date indicated on the front panel of this label.**

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of pesticide, prepared solutions, or rinsate is a violation of Federal law. If wastes can not be disposed of according label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of your nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by local and State authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

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previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

Metro 3000 is a chlorine dioxide product designed to treat cooling water and cooling towers. Pathogenic organisms controlled include bacteria and viruses set forth in USEPA *Guide Standard Protocol for the Purification of Water* (1987), *i.e.*, Klebsiella terrigena, Poliovirus and Rotavirus.

In preliminary laboratory tests, *Metro 3000* also has been shown to inactivate pure cultures of *Legionella* bacteria. However, the ability *Metro 3000* to control the growth of, or inactivate *Legionella* bacteria in cooling water systems, or other operating environments in which the water may be exposed to UV light, organic material, other microbial contamination and aeration, has not been documented. These preliminary findings also do not address the problem of long-term preventative maintenance of the cooling water systems for which application of this product is intended.

Carefully read and follow the instructions for the *Metro 3000* dosing equipment provided by the manufacturer or its authorized agent.

COOLING WATER, AND COOLING TOWERS

Metro 3000 is intended for use in cooling water systems which use as their source treated municipal water, including:

- Hospitals
 - als Nursing homes
- Schools & public buildings

- Office buildings Hotels
- Animal facilities Food processing plants
- Residential buildings
- s Beverage production facilities

Minimum contact time for control of listed pathogenic organisms is 5 minutes.

TREATMENT OF COOLING WATER SYSTEMS TO CONTROL SLIME Add *Metro 3000* to the water at a dose of 50 ppm (50 mg/liter) chlorine dioxide (a dilution ratio of 1:60) and circulate or let stand overnight. Drain and rinse with clean water before re-use. To prevent slime growth after initial treatment, add *Metro 3000* to the water at a dose of 5.0 ppm (5.0 mg/liter) chlorine dioxide (a dilution ratio of 1:600). **Minimum contact time for control of listed pathogenic organisms is 5 minutes.**

CONDITIONS OF SALE AND WARRANTY

CDG Research Corporation ("CDG"), its Supplemental Distributors and the Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use. TO THE EXTENT PERMITTED BY LAW, NEITHER CDG NOR ITS SUPPLEMENTAL DISTRIBUTORS MAKE ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS. CDG, its Supplemental Distributors, and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty. No employee or agent of CDG, its Supplemental Distributor, or the Seller is authorized to vary or exceed the terms of this Warranty in any manner.