Mark Jernigan Regulatory Affairs Manager Aqua-Clear Industries, Inc P O Box 2456 Suwanee, GA 30024

MAY 23 2012

SUBJECT Aqua-Clear Winter Algaecide EPA Registration No 45309-54 Application Dated April 25, 2012 Receipt Date April 30, 2012

Dear Mr Meyers

45309-54

This letter acknowledges receipt of the notification identified above submitted under the provisions of section 3 (c) 9 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and PR Notice 98-10 and 40 CFR 152 46

5/23/2012

• To add additional marketing statements and additional recommended products

Based on a review of the submitted information, this notification is acceptable Your proposed change will be made part of the record for this file

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0199 or Velma Noble at (703) 308-6233

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Sincerely

Velma Noble Product Manager (31) Regulatory Management Branch I Antimicrobials Division (7510P)

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EPA Form 1320-14 (1/90)		No. of Concession, name			

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United States Environmental Protection Agency Weshington DC 20460				Registra Amend Other	ation	OPP Identifier Number			
	· · · · · -		Applicatio	on for Pest	ticide - Sec	tion			
1 Company/Product N 45309-54	iumber				2 EPA Product Manager 3 Proposed Classificat			roposed Classification	
4 Company/Product (I Aqua Clear Winte		ecide		РМ 31					
5 Name and Address of Applicant (Include ZIP Code) Aqua-Clear Industries Inc PO Box 2456 Suwanee GA 30024 Check if this is a new address			(b)(to EP	EPA Reg No					
				Section	oduct Name				
Amendment Explain below Resubmission in response to Agency letter dated V Notification Explain below			[[Final printed labels in repsonse to Agency letter dated "Me Too Application Other Explain below					
Notification to add add Per PR Notice 98 10 5 Please see attached p	Section	II (Labeling Notification		•) and Part N (Oth				
Material This Produ	ct Will	Be Packaged In					r		
✓ Yes No	✓ Yes Yes ✓ No ✓ Certification must If "Yes" No per Unit Packaging wgt container		Water Solut Yes V No If Yes Package wg	No s No per		Metal Plastic Glass Paper	Specify)		
3 Location of Net Contents Information 4 Size(s) Retail Co				5 Lo	cation of La		ons		
	✓ Label ✓ Container pint quart 1/2 Manner in Which Label is Affixed to Product ✓ Lithograph ✓ Paper glued Stenciled				Othe	r			· · · · · · · · · · · · · · · · · · ·
				Section	- IV				<u>ι</u>
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lame Mark Jernigan				Title Regulatory A	ffairs Manager			Telephon 678 502	e No. (Include Area Code) 4149
	hat any	nents I have made on / knowlinglly false or aw		all attachment					6 Da e Application Received () (Stamped)
2 Signature Mark	Je	migan		3 Title Regulatory Aff	airs Manager				
Typed Name 5 Date			5 Date 4/	4/25/12					

AQUA CLEAR INDUSTRILS, INC

Regulatory Affairs Department Post Office Box 2456 Suwanee GA 30024 T (678) 502 4149 F (678) 502 4764

April 25, 2012

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Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U S Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202

Re Aqua Clear Winter Algaecide EPA Registration No 45309-54

Dear Sır/Madam

Please process the enclosed notification for the above referenced product

The purpose of this notification is to

- Add optional marketing claims to the front panel The new marketing text is located on page 2 of the enclosed master label
- Add to the label two alternate product names as marked on page 10 The first alternate recommendation is to "kill visible algae" (Aqua Clear Alginate, EPA Reg # 45309-18) and the second alternate recommendation is one to "prevent and kill visible algae" (Terminator, EPA Reg # 5185-473)
 - The Aqua Clear Alginate is a 50% algaecide (like the currently approved Aqua Chem Algaecide 50%) and also contains directions to kill visible algae
 - Aqua Chem Algaecide Plus is a supplemental brand name of Terminator, so the base registration name is being added to the label

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Enclosed are

- 1 Application for Pesticide (EPA Form 8570-1),
- 2 Notification Certification Statement, and
- 3 Proposed label with changes marked

If you have any questions, please call me at 678 502-4149 or mark jernigan@chemtura com

Thank you for your attention to this matter

Sincerely, Mark Jernigan

Mark Jernigan Regulatory Affairs Manager Enclosures

EPA Registration Number 45309-54

Product Aqua Clear Winter Algaecide

Application for Pesticide dated April 25, 2012

Section - II Explanation (Continued)

Notification of additional marketing statement per PR Notice 98-10, Section II (Labeling Notifications), Part M (Directions for Use) and Part N (Other Revisions)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152 46, and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152 46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

mar Jernigan 4/25/12



{All text in brackets [xxx] is optional and may or may not be included on a final label } {All text in braces {xxx} is administrative and will not appear on a final label }

AQUA CLEAR WINTER ALGAECIDE

ACTIVE INGREDIENT Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆) Dimethyl Benzyl Ammonium Chloride OTHER INGREDIENT TOTAL INGREDIENTS

KEEP OUT OF REACH OF CHILDREN **DANGER**

See [back] [side] panel for First Aid and additional precautionary statements

MANUFACTURED FOR AOUA CLEAR INDUSTRIES, LLC PO BOX 2456 SUWANEE, GEORGIA 30024

EPA REG #45309-54 EPA EST # 5185-GA-1

NET CONTENTS *{as indicated on container}*

[What?] {For use on front panel of label as a header above/beside product name }

[Why?] {For use on front panel of label as a header above/beside marketing statements chosen from accepted label text that relates to the consumer features and benefits of product }

{Non-Foaming Claims (Apply to All)} [Non-Foaming] [Non-Foaming Formula] [Does Not Foam] [Controls Algae without producing foam] [Controls Algae without creating foam problems] [Use where foam is a concern]

Date Reviewed **Reviewed By**

{Optional marketing statements that may be used with swimming pool algaecide direction on pages 4 and 9} [For all Gunite and Vinyl Lined Pools] [Prevents algae] [Prevents and controls green and blue-green colored algae] [Prevents and controls algae] [Suitable for all pool types] [Weekly use prevents algae growth] [Concentrated formula compared to [standard] 10% [algaecide] {or} [algicide]] [A swimming pool [algaecide] {or} [algicide]] [Economical 20% algae preventative] [[Green] [and] [blue-green] Algae control for above ground pools] [[Green] [and] [blue-green] Algae control for in-ground pools]

20 0% 80.0%

100 0%

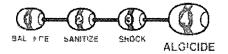
[Keeps water clear and free of visible [green] [blue-green] algae] [Use full strength] [Twice as concentrated as [ordinary] 10% algaecide] [1/2 gallon of 20% [algaecide] {or} [algicide] treats the same amount of pool water as 1 gallon of 10%] [Concentrated Formula] [algaecide] {or} [algicide]] [Suitable for opening pools] [Can be used in salt pools] [Compatible with salt pools] [Effective [Green Algae] Preventative] [Effective Preventative Treatment of [Green] Algae]] [Effective in preventing the growth of Green Algae [and Blue-Green Algae]] [Prevents [Green] Algae [Growth]] [Easy to Use] [Effective in plaster and vinyl pools] [[Pour] [Add] directly in [to] pool [water]] [When?] [What kind of algae do you have? (x) green () mustard () black] [As needed] [Per use directions] [For use in all pool types] [Suitable for all pools] [Suitable for all pool types] [Can be used in all pools] [Fast acting [Green][Algae][Preventer]]

[When?] {For use on front panel of label as a header above/beside text chosen from accepted label text that relates to the consumer anticipated frequency of product use } [Use weekly] [Weekly use] [Use once a week] [1X a week]

{The Pool Essentials System ' or 4-step System box below may be placed on the label to allow easy product category identification by consumers }

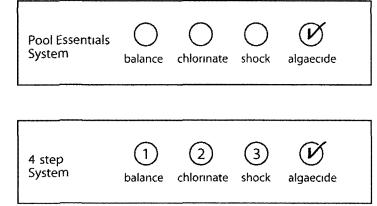
Pool Essentials O O O O System balance chlorinate shock algaecide	NOTIFICATION Date Reviewed 5/23/2013 Reviewed By
4 step System (1) (2) (3) (V) balance chlorinate shock algaecide	
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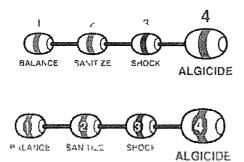


{Optional marketing statements that may be used with swimming pool algaecide for small volume pools directions on page 6 and 9 } [Use only with pools that have a water re-circulating system (pump) and filter] {Note This statement will always appear on the front panel when directions for small volume pools is used on label } [Suitable for pools under 5,000 gallons] [For use in pools under 5 000 gallons] [Prevents algae] [Prevents and controls green and blue green colored algae] [Prevents and controls algae] [Suitable for all pool types] [Weekly use prevents algae growth] [Concentrated formula compared to [standard] 10% [algaecide] {or} [algicide]] [A swimming pool [algaecide] {or} [algicide]] [Economical 20% algae preventative] [[Green] [and] [blue-green] Algae control for above ground pools] [Keeps water clear and free of visible [green] [blue-green] algae] [Use full strength] [Twice as concentrated as [ordinary] 10% algaecide] [algaecide] {or} [algicide]] [Use weekly] [Weekly use] [Effective [Green Algae] Preventative] [Effective Preventative Treatment of [Green] Algae]] [Effective in preventing the growth of Green Algae [and Blue-Green Algae]] [Prevents [Green] Algae [Growth]] [Easy to Use] [Effective in plaster and vinyl pools] [[Pour] [Add] directly in [to] pool [water]]

{The Pool Essentials System' or "4-step System box below may be placed on the label to allow easy product category identification by consumers }



Date Reviewed Reviewed By .



{Optional marketing statements that may be used with winter algaecide directions on page 8 and 9 }
[For Control of Algae in Swimming Pools]
[Winter Algae Preventative]
[Helps Control Green Water due to Algae]
[Reduces growth of green and blue-green algae in pools over the winter months]
[For all Gunite and Vinyl Lined Pools]
[Reduces growth of green algae in pools during the winter]
[Suitable for closing pools]

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{Directions to be used for swimming pool algaecide}

WHY TO USE THIS PRODUCT [Aqua Clear Winter Algaecide] {or} [This product] efficiently and economically reduces green and blue-green algae [growth] in pools It will not harm pool surfaces or equipment

IMPORTANT NOTES

- 1 Always apply this and other pool treatment chemicals separately, never combine them
- 2 When using other products as outlined in directions for this product, always follow directions on those products
- 3 Sunlight, rainfall, temperature, number of swimmers and frequency of pool use, all affect the rate of chlorine loss Always maintain residual chlorine level between 1-3 ppm
- 4 This product may foam and therefore should not be used for spa treatment or in pools with attached spas or jetted returns

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling Read entire label and use strictly in accordance with precautionary statements and directions

BEFORE YOU BEGIN

- 1 Ensure all pool equipment is working properly Clean or backwash the filter following manufacturer's directions
- 2 Adjust stabilizer levels to 30-50 ppm by adding Stabilizer
- 3 Check water alkalinity, pH and calcium hardness with a test kit or test strip Adjust alkalinity to 80-125 ppm for plaster pools, 125-150 ppm for vinyl or fiberglass pools by adding an alkalinity increaser Adjust pH to 7 2 - 7 6 by adding a pH decreaser to lower pH, or by adding a pH increaser to raise pH Adjust calcium hardness to 200-275 ppm for plaster pools, 175-225 ppm for vinyl or fiberglass pools by adding a calcium hardness increaser
- 4 Check and adjust residual chlorine level to desirable range of 1-3 ppm

NOW USE THIS PRODUCT

Initial Application/Start Up Dose

[1] For initial application, [or when visible algae is present,] add [13 fluid ounces per 10,000 gallons], {or} [6 5 fluid ounces per 5,000 gallons] of pool water by pouring this product directly into the water along the edge of the pool (in deep area if present) This will provide 2 ppm active ingredient in the water With pump on, wait at least 15 minutes after application before entering pool

[2 If necessary, the next day, brush dead algae off pool surfaces so it can be filtered away Repeat step 1 to remove additional algae]

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Maintenance Application

To prevent algae growth add this product every 5-7 days or after heavy rain at a rate of [3 fluid ounces per 10,000 gallons], {or} [1 5 fluid ounces per 5,000 gallons], of pool water by pouring this product directly into the water along the edge of the pool (in deep area if present) This will provide 0 5 ppm active ingredient in the water With pump on, wait at least 15 minutes after application before entering pool

{Following chart is optional All or some of the swimming pool capacities may be incorporated }

Swimming Pool Capacity	Initial	Weekly Maintenance Dose	
Gallons of Water	Treatment		
5,000	6 5 fl oz	1 5 fl oz	
10,000	13 fl oz	3 fl oz	
20,000	26 fl oz	6 fl oz	
25,000	32 5 fl oz	75 fl oz	
30,000	39 fl oz	9 fl oz	

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WHY TO USE THIS PRODUCT [Aqua Clear Winter Algaecide] {or} [This product] efficiently and economically reduces green and blue-green algae [growth] in smaller volume pools It will not harm pool surfaces or equipment

IMPORTANT NOTES

- 1 Use only with pools that have a water re-circulating system (pump) and filter
- 2 Always apply this and other pool treatment chemicals separately, never combine them
- 3 When using other products as outlined in directions for this product, always follow directions on those products
- 4 If you use a measuring spoon, use a clean, dedicated spoon to dose the appropriate amount of product into the pool Keep the dosage spoon stored out of reach of children
- 5 Sunlight, rainfall, temperature, number of swimmers and frequency of pool use, all affect the rate of chlorine loss Always maintain residual chlorine level between 1-3 ppm
- 6 This product may foam and therefore should not be used for spa treatment or in pools with jetted returns

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling Read entire label and use strictly in accordance with precautionary statements and directions

BEFORE YOU BEGIN

- 1 Ensure all pool equipment is working properly Clean or backwash the filter following manufacturer's directions
- 2 Adjust stabilizer levels to 30-50 ppm by adding Stabilizer
- 3 Check water alkalinity, pH and calcium hardness with a test kit or test strip Adjust alkalinity to 125-150 ppm by adding an alkalinity increaser Adjust pH to 72 - 76 by adding a pH decreaser to lower pH, or by adding a pH increaser to raise pH Adjust calcium hardness to 175-225 ppm by adding a calcium hardness increaser
- 4 Check and adjust residual chlorine level to desirable range of 1-3 ppm

NOW USE THIS PRODUCT

Initial Application/Start Up Dose

[1] For initial application, [or when visible algae is present,] add 1 3 fluid ounces $(2\frac{1}{2} - \frac{1}{2})$ tablespoons) per 1,000 gallons of pool water by pouring this product directly into the water along the edge of the pool (in deep area if present) This will provide 2 ppm active ingredient in the water With pump on, wait at least 15 minutes after application before entering pool

[2 If necessary, the next day, brush dead algae off pool surfaces so it can be filtered away Repeat step 1 to remove additional algae]

NOTIFICATION Date Reviewed 503/0013 Reviewed By 7

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Maintenance Application

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To prevent algae growth add this product every 5-7 days or after heavy rain at a rate of 0 3 fluid ounces (2 teaspoons) per 1,000 gallons of pool water by pouring this product directly into the water along the edge of the pool (in deep area if present) This will provide 0 5 ppm active ingredient in the water With pump on, wait at least 15 minutes after application before entering pool

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{Following chart is optional All or some of the swimming pool capacities may be incorporated }

Initial Treatment	Weekly Maintenance Dose		
0 3 fl oz (2 teaspoons)	0 075 fl oz (½ teaspoon)		
07fl oz (4 teaspoons)	0 15 fl oz (1 teaspoon)		
1 3 fl oz (2½ tablespoons)	0 3 fl oz (2 teaspoons)		
2 0 fl oz	0 45 fl oz (1 tablespoon)		
2 6 fl oz	0 6 fl oz (4 teaspoons)		
3 25 fl oz	0 75 fl oz (5 teaspoons)		
40 fl oz	0 9 fl oz (2 tablespoons)		
52 fl oz	1 2 fl oz (2 ¹ / ₂ tablespoons)		
	0 3 fl oz (2 teaspoons) 0 7 fl oz (4 teaspoons) 1 3 fl oz (2½ tablespoons) 2 0 fl oz 2 6 fl oz 3 25 fl oz 4 0 fl oz		

NOTIFICATION Date Reviewed 5/ Reviewed By _____ . (ι (ι ι

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{Directions to be used for swimming pool winter algaecide}

WHY TO USE THIS PRODUCT [Aqua Clear Winter Algaecide] *{or}* [This product] is an efficient and economical way to prevent green and blue-green algae in swimming pools during the winter months, when the pool is not in use

DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions

For best results, the pool should be free of algae before adding [Aqua Clear Winter Algaecide] {or} [this product] and a solid or close mesh cover should be used to keep debris from accumulating in the pool

Add [Aqua Clear Winter Algaecide] $\{or\}$ [this product] at the rate of [64 fl oz per 25,000 gallons] $\{or\}$ [32 fl oz per 12,500 gallons] $\{or\}$ [16 fl oz per 6,250 gallons] of pool water by pouring this product directly into the water along the edge of the pool (in deep area if present) This will provide 4 ppm active ingredient in the water This will help control algae growth over the winter months and make for easier clean-up in the spring

Make sure the pump is on and circulating water at the time of algaecide addition Allow pump to operate three (3) to six (6) hours after adding algaecide Then cover the pool For proper winterization of swimming pool equipment, refer to manufacturers instructions

To reopen pool in the spring, follow start up procedures for your pool's equipment operations and chemical treatment program

NOTIFICATION Date Reviewed **Reviewed By**



{Simplified use directions covering product use as a swimming pool algaecide (both regular and small volume pools) and for a swimming pool winter algaecide (to close pool) }

Prevents algae in swimming pools

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[How?]

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling Read entire label and use strictly in accordance with precautionary statements and directions

• Test and balance water before using this product Visit [the Aqua Chem Web Site] {or} [www aquachem com] {or} [the Pool Time website] {or} [www pooltime com] for complete pool balancing instructions

[Start-up] {or} [Start-up/Opening]

Add [13 fluid ounces per 10,000 gallons] {or} [6 5 fluid ounces per 5,000 gallons] {or} [add 1 3 fluid ounces (2½ tablespoons) per 1,000 gallons] (2 ppm active ingredient) along pool edges while filter and pump are operating for the first week's application, then follow Once a Week directions

Once a Week

- Add [3 fluid ounces per 10,000 gallons] {or} [1 5 fluid ounces per 5,000 gallons] {or} [0 3 fluid ounces (2 teaspoons) per 1,000 gallons] (0 5 ppm active ingredient) along pool edges while filter and pump are operating
- Use only with pools that have a water re-circulating system (pump) and filter
- Apply more often after heavy rain, frequent backwashing or partial drain/refill
- Wait at least 15 minutes after adding product before entering the pool
- This product may foam, do not use in spas, pools with attached spas, or water features
- To kill visible algae use [Aqua Chem Algaecide 50%][Aqua Clear Alginate] or to prevent and kill visible algae use [Aqua Chem Algaecide Plus][Terminator] < NEW

{The following is optional text to be used at BioLab's discretion with closing swimming pool use directions }

To Close Pool

- Add 32 fluid ounces per 12,500 gallons {or} [16 fluid ounces per 6,250] along pool edges and allow filter and pump to operate for 2-4 hours
- [V1sit [the Aqua Chem Web Site] {or} [www aquachem com] {or} [the Pool Time website] {or} [www pooltime com] for complete pool closing instructions]]

NOTIFICATION Date Reviewed 5/03/2012 Reviewed By

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{Following chart is optional All or some of the swimming pool capacities may be incorporated }

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Initial Treatment	Weekly Maintenance Dose		
0 3 fl oz (2 teaspoons)	0 075 fl oz (½ teaspoon) 0 15 fl oz (1 teaspoon)		
07fl oz (4 teaspoons)			
1 3 fl oz (2 ¹ / ₂ tablespoons)	0 3 fl oz (2 teaspoons)		
20fl oz	0 45 fl oz (1 tablespoon)		
2 6 fl oz	0 6 fl oz (4 teaspoons)		
3 25 fl oz	0 75 fl oz (5 teaspoons)		
40 fl oz	09fl oz (2 tablespoons)		
5 2 fl oz	1 2 fl oz (2 ¹ / ₂ tablespoons)		
	0 3 fl oz (2 teaspoons) 0 7 fl oz (4 teaspoons) 1 3 fl oz (2½ tablespoons) 2 0 fl oz 2 6 fl oz 3 25 fl oz 4 0 fl oz		

NOTIFICATION Date Reviewed 5/23/2012 Reviewed By

STORAGE AND DISPOSAL Keep this product tightly closed in original container when not in use Store in a cool, dry, well ventilated locked area away from heat or open flame Do not contaminate water, food or feed by storage and disposal **CONTAINER DISPOSAL** Nonrefillable container Do not reuse or refill this container Wrap container and put in trash or offer for recycling if available

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS KEEP OUT OF REACH OF CHILDREN DANGER Corrosive Causes irreversible eye damage and skin burns Harmful if swallowed Do not get in eyes, on skin or on clothing Wear goggles or safety glasses and rubber gloves and protective clothing when handling this product Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet Remove contaminated clothing and wash before reuse

FIRST AID IF IN EYES Hold eye open and runse slowly and gently with water for 15-20 minutes Remove contact lenses, if present, after the first 5 minutes, then continue runsing eye Call a poison control center or doctor for treatment advice **IF ON SKIN OR CLOTHING** Take off contaminated clothing Runse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice **IF SWALLOWED** 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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [telephone number supplied by supplemental registrant]]

Note to Physician Probable mucosal damage may contraindicate the use of gastric lavage

PHYSICAL OR CHEMICAL HAZARDS Do not mix with other chemicals

ENVIRONMENTAL HAZARDS This pesticide is toxic to fish and aquatic invertebrates

NOTIFICATION Date Reviewed 3/33/2013 Reviewed By