7/6/2012



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON D C 20460

<u>July 6, 2012</u>

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Ms Joanna Holcombe Senior Commercial Regulatory Services Associate Arch Chemicals Inc 5660 New Northside Drive NW Suite 1100 Atlanta GA 30328 USA

Subject Notification per PR Notice 98 10 Notification To Move First Aid And Precautionary Statements Product **"Sock It"** EPA Registration Number **1258 913** Application Date June 15 2012 Application Receipt June 18 2012

Dear Ms Holcombe

This acknowledges receipt of the Notification Application above submitted under the provisions of PR Notice 98 10 FIFRA 3(c) 9

Proposed Notification

Label Notification to move the First Aid and Precautionary Statements for **EPA Reg** No 1258 913

Page One

Add optional Spanish Signal Word

Move First Aid and Precautionary Statements to Page Two and to add a Note to the reviewer and the following referral statement See [left] [right] [back] [side] panel for Precautionary and First Aid Statements Other EPA registered swimming pool products such as **EPA Reg No 5185 144** (BioGuard Master Trichloro Compacted) and **EPA Reg No 5185 501** (BioGuard Silk) are allowed to put the referral statement on the front

Page Three

Add optional Marketing language regarding trademarks

Page Four

Add optional Spanish statement and English translation with accompanying Note to the reviewer above Directions For Use

{If the following Spanish statement is used it must appear directly above Directions For Use }

Page FiveAdd the word pump after filter in the Winterizing directionsPage SixRevise Water Balance and Algae Control directionsPage SevenAdd the word pump after filter in the Hydrotherapy Tank directions

General Comments

Based on a review of the submitted material the following comment applies>

The Notification Application is **acceptable** A copy of the **accepted** Notification has been inserted in your file (**EPA Reg No 1258 913**) for future reference

If you have any questions concerning this Agency Letter please contact Killian Swift via email at <u>swift killian@epa gov</u> or by telephone at 703 308 6346 during the hours of 5 00 AM until 12 00 PM Eastern Daylight Time When you are submitting information or data in response to this Agency Letter send a copy of this Agency Letter to accompany the submission in order to facilitate processing

Sincerely

Froduct Manager 32 Regulatory Management Branch II Antimicrobials Division (7510P)

ase read instructions on reverse before of EPA	U J States		2070 0060 Approval		OPP Identifier Number
Enviro	onmental Protection A	gency	Amendm	nent	
<u> </u>	Washington DC 20460	tuan fan Dag	Other		
Company/Product Number	Аррпса		ticide Section 1		3 Proposed Classification
1258 913		Monish	a Harris		
Company/Product (Name) Sock It		РМ# 32			None Restricted
Name and Address of Applicant (Includ Arch Chemicals Inc 5660 New Northside Dr Atlanta GA 30328			in composition and labe		ction 3(c)(3)(b)(I) my product is similar
Check if this is a n w add ess					
		Section	n - H		
Amendment Explain below			Final printed labe	els in response to A	Agency letter dated
Resubmission in response to Agen	cy letter dated	<u></u>	Me Too Applica		
Notification Explain below		<u> </u>	Other Explain b	below	
Explanation Use additional pa	• • • •		t to PRIA*		
		-			
Label Notification to m	nove the First Aid and	d Precautio	nary Statements	etc See co	over letter for details
violation of 18 U S C Sec 100 consistent with the terms of PR subject to enforcement action a	1 to willfully make any Notice 98 10 and 40 (and penalties under se	false statem CFR 152 46 ctions 12 an	this product may d 14 of FIFRA	her understar	id that if this notification is not
rolation of 18 U S C Sec 100 consistent with the terms of PR subject to enforcement action a	1 to willfully make any Notice 98 10 and 40 (false statem CFR 152 46 ctions 12 an	nent to EPA I furth this product may id 14 of FIFRA Date	her understar	Id that if this notification is not
Nolation of 18 U S C Sec 100 consistent with the terms of PR subject to enforcement action a Signature Panna 1 Material This Product Will Be Packa	1 to willfully make any Notice 98 10 and 40 (and penalties under ser Hackborn	false statem CFR 152 46 ctions 12 an	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - 15 - 1	Id that if this notification is not on of FIFRA and I may be
Indiation of 18 U S C Sec 100 consistent with the terms of PR ubject to enforcement action a Signature Famma 1 Material This Product Will Be Packa Child Resistant Packaging	1 to willfully make any Notice 98 10 and 40 (and penalties under ser Arconder ser aged In Unit Packaging	false statem CFR 152 46 ctions 12 an	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - 15 - 1	ad that if this notification is not on of FIFRA and I may be
Inclation of 18 U S C Sec 100 consistent with the terms of PR ubject to enforcement action a Signature Parka 1 Material This Product Will Be Packa Child Resistant Packaging Yes*	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 (and penalties under ser Address under ser aged In Unit Packaging Yes	false statem CFR 152 46 ctions 12 an	hent to EPA I furth this product may id 14 of FIFRA Date - III Water Soluble Packag Yes	her understar be in violation b - 15 - 1	ad that if this notification is not on of FIFRA and I may be
Indication of 18 U S C Sec 100 onsistent with the terms of PR ubject to enforcement action a Signature Packa 1 Material This Product Will Be Packa Child Resistant Packaging Yes* No	1 to willfully make any Notice 98 10 and 40 (and penalties under ser Hackaging Unit Packaging Yes No If Yes	false statem CFR 152 46 ctions 12 an	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - 15 - 1	a that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic
Indication of 18 U S C Sec 100 consistent with the terms of PR subject to enforcement action a Signature Parka 1 Material This Product Will Be Packa Child Resistant Packaging Yes*	1 to willfully make any Notice 98 10 and 40 (and penalties under ser Hereinstein aged In Unit Packaging Yes No	false statem CFR 152 46 ctions 12 an 2 Section	hent to EPA I furth this product may id 14 of FIFRA Date - III Water Soluble Packan Yes No	her understar be in violation	ad that if this notification is not on of FIFRA and I may be
Indication of 18 U S C Sec 1007 Subject to enforcement action a Signature I Material This Product Will Be Packa Child Resistant Packaging Yes* No * Certification must be submitted	1 to willfully make any Notice 98 10 and 40 (and penalties under ser Herrorical Constant aged In Unit Packaging Yes No If Yes Unit Packaging wgt	false statem CFR 152 46 ctions 12 an 2 Section No per container	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - (5 - 1) ging No per container	ad that if this notification is not on of FIFRA and I may be
1 Material This Product Will Be Packa 1 Material This Product Will Be Packa Child Resistant Packaging Yes* No *Certification must be submitted 3 Location of Net Contents Information	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 (and penalties under sec	false statem CFR 152 46 ctions 12 an 2 Section No per container	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - (5 - 1) ging No per container 5 Location of	a that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) of Label Directions
Indication of 18 U S C Sec 1007 Subject to enforcement action a Signature I Material This Product Will Be Packa Child Resistant Packaging Yes* No * Certification must be submitted	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 (and penalties under sec	false statem CFR 152 46 ctions 12 an 2 Section No per container	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - (5 - 1) ging No per container 5 Location of \square On Labe	a that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) of Label Directions
Indexistent 18 U S C Sec 1007 Subject to enforcement action a Sugnature Tanna 1 Material This Product Will Be Packa Child Resistant Packaging Yes* No *Certification must be submitted 3	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 (2 and penalties under set ander set ander set ander set ander set and pe	false statem CFR 152 46 ctions 12 an 2 Section No per container	hent to EPA I furth this product may id 14 of FIFRA Date	her understar be in violation b - (5 - 1) ging No per container 5 Location of \square On Labe	a that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) of Label Directions
Indication of 18 U S C Sec 1007 Subject to enforcement action a Signature Image: Signature Ima	1 to willfully make any the formula is and the penalties under set the	false statem CFR 152 46 ctions 12 an 2 Section No per container	hent to EPA I furth this product may id 14 of FIFRA 	her understar be in violation b - (5 - 1) ging No per container 5 Location of \square On Labe	a that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) of Label Directions
Indication of 18 U S C Sec 100 Subject to enforcement action a Signature Image: Additional structure 1 Material This Product Will Be Packa Child Resistant Packaging Yes* No * Certification must be submitted 3 Location of Net Contents Information Label Contain	1 to willfully make any control willfully make any control willfully make any control willfully make any control will and 40 (and penalties under set control will be and penalties under set control will be and penalties under set control will be and any control will be any control with any control with any control will be any control with a	false statem CFR 152 46 ctions 12 an 2 Section No per container Il Container	eent to EPA I furth this product may id 14 of FIFRA 	her understar be in violation b - (5 - 1) ging No per container 5 Location of \square On Labe \square On Labe	ad that if this notification is not on of FIFRA and I may be
Inclusion of 18 U S C Sec 1007 Subject to enforcement action a Signature Image: Signature Iman	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 0 and penalties under set and penalties under set Aged In Unit Packaging Yes No If Yes Unit Packaging wgt n 4 Size(s) Retainer Various o Product Lithor Pape Stend	false statem CFR 152 46 ctions 12 an <u>2</u> Section No per container Il Container	ent to EPA I furth this product may do 14 of FIFRA 	her understar be in violation b - (5 - 1) ging No per container 5 Location of \bigtriangleup On Labe \boxtimes On Labe \boxtimes On labe	and that if this notification is not on of FIFRA and I may be 2 Type of Container Attal Plastic Glass Paper Other (Specify) Other (Specify) of Label Directions State of the second s
Indication of 18 USC Sec 100 Subject to enforcement action a Signature I Material This Product Will Be Packa Child Resistant Packaging Yes* No * Certification must be submitted 3 Location of Net Contents Information Label Contain 6 Manner in Which Label is Affixed to	1 to willfully make any and to willfully make any and the set of th	false statem CFR 152 46 ctions 12 an <u>2</u> Section No per container Il Container Il Container	eent to EPA I furth this product may id 14 of FIFRA 	her understar be in violation b - (5 - 1) ging No per container 5 Location of \bigtriangleup On Labe \boxtimes On Labe \boxtimes On labe	ad that if this notification is not and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) of Label Directions alling accompanying product plication)
Inclusion of 18 U S C Sec 1007 Subject to enforcement action a Signature Image: Signature Iman	1 to willfully make any and to willfully make any and the set of th	false statem CFR 152 46 ctions 12 an <u>2</u> Section No per container il Container il Container section section <i>individual to be o</i> the Sr Comme Associate	ent to EPA I furth this product may do 14 of FIFRA 	her understar be in violation b - (5 - 1) ging No per container 5 Location of \bigtriangleup On Labe \boxtimes On Labe \boxtimes On labe	and that if this notification is not on of FIFRA and I may be 2 Type of Container Attal Plastic Glass Paper Other (Specify) Other (Specify) of Label Directions State of the second s
Internal This Product Will Be Packa 1 Material This Product Will Be Packa Child Resistant Packaging Yes* No * Certification must be submitted 3 Location of Net Contents Information 1 Label Contact Point (Complete items direct Name	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 0 and penalties under set and penalties under set Aged In Unit Packaging Yes No If Yes Unit Packaging wgt n 4 Size(s) Retainer Various Product Litho Pape Stend ty below for identification of 1 Tit Certification con this form and all attachmet	false statem CFR 152 46 ctions 12 an <u>CFR 152 46</u> ctions 12 an <u>CFR 152 46</u> Section Section Individual color Section Individual to be of the Sr Comme Associate On ints thereto are true	ent to EPA I furth this product may id 14 of FIFRA 	her understar be in violation be in violation	and that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) Other (Specify) of Label Directions State of the second s
 Material This Product Will Be Packa Child Resistant Packaging Yes* No *Certification must be submitted 3 Location of Net Contents Information Label Contain 6 Manner in Which Label is Affixed to 1 Contact Point (Complete items direct Name Joanna Holcombe I certify that the statements I have made 	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 (and penalties under set and penalties and the set and penalties and the set and the	false statem CFR 152 46 ctions 12 an <u>2</u> Section No per container Il Container ograph er glued ciled Section <i>individual to be of</i> the Sr Comme Associate on nts thereto are triby fine or impriso Title Sr Comme	ent to EPA I furth this product may id 14 of FIFRA 	her understar be in violation be in violation	ad that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) Other (Specify) of Label Directions State of the second se
violation of 18 U S C Sec 1007 consistent with the terms of PR subject to enforcement action a Signature 1 Material This Product Will Be Packa Child Resistant Packaging Yes* No * Certification must be submitted 3 Location of Net Contents Information Label ☑ Contair 6 Manner in Which Label is Affixed to 1 Contact Point (Complete items direct) Name Joanna Holcombe I certify that the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made that any knowingly false or misleading state of the statements I have made the statement	1 to willfully make any 1 to willfully make any 2 Notice 98 10 and 40 (and penalties under set and penalties and all attachment and all attachment and all attachment and penalties and all attachment and penalties and all attachment and all attachment and penalties and all attachment attachment and penalties and all attachment attachment and all attachment	false statem CFR 152 46 ctions 12 an <u>2</u> Section No per container il Container il Container il Container section mdividual to be of the Sr Comme Associate on nts thereto are tro by fine or impriso Title	ent to EPA I furth this product may d 14 of FIFRA 	her understar be in violation be in violation	and that if this notification is not on of FIFRA and I may be 2 Type of Container Metal Plastic Glass Paper Other (Specify) Other (Specify) of Label Directions State of the second s

EPA Form 8570 1 (Rev 8 94) Previous editions are obsolete



Via FedEx

Ms Monisha Harris PM 32 Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) US Environmental Protection Agency Room S 4900 One Potomac Yard 2227 S Crystal Drive Arlington VA 22202 Arch Chemicals Inc 5660 New Northside Drive NW Suite 1100 Atlanta GA 30328 USA

Joanna Holcombe Lonza Microbial Control Commercial Regulatory Services

Tel 678 627 2336 Fax 678 627 2081 joanna holcombe@lonza com

June 15 2012

SUBJECT Sock It EPA Reg No 1258 913 Label Notification

Dear Ms Harris

Arch Chemicals Inc is now a part of Lonza On behalf of Arch Chemicals I am submitting an application to make the following changes to the abovementioned product label

Page 1	 Add the words Note to reviewer to the box explaining the use of brackets and braces
	 Add optional Spanish signal word
	Move First Aid and Precautionary Statements to page 2 and add a Note to
	reviewer and the following referral statement See [left] [right] [back] [side] panel
	for Precautionary and First Aid Statements Other EPA registered swimming pool
	products such as 5185 144 (BioGuard Master Trichloro Compacted) and 5185 501
	(BioGuard Silk) are allowed to put the referral statement on the front
Page 3	Add optional marketing language regarding trademarks
Page 4	 Add optional Spanish statement and English translation with accompanying Note
	to reviewer above Directions for Use
	{If the following Spanish statement is used it must appear directly above
	DIRECTIONS FOR USE }
	Si usted no entiende la etiqueta busque a alguien para que se la explique a usted
	en detalle (If you do not understand the label find someone to explain it to you in
	detail)
	Add the word pump after filter in the Method for dosing directly into pool and
	Method for skimmer addition directions
Page 5	Add the word pump after filter in the Winterizing directions
Page 6	Revise Water Balance and Algae Control directions
Page 7	 Add the word pump after filter in the Hydrotherapy Tank directions

Please find the enclosed documents in support of this notification

- Application for Notification
- Certification with Respect to Label Integrity
- CD with label and
- One copy of the proposed label with changes highlighted

2/2 June 15 2012 Sock It EPA Reg No 1258 913 Label Notification

If you have any questions or need any additional information please feel free to contact me at 678 627 2336

ſ

20

Sincerely Lonza Inc

banna Helsomke

Joanna Holcombe Sr Commercial Regulatory Services Associate

Note to reviewer

[Items in brackets [AAA] are optional and may/may not be included on final label] {Items in braces {AAA} are for information purposes and will not appear on final label}

SOCK IT

SHOCK TREATMENT & SUPERCHLORINATOR

ACTIVE INGREDIENT CALCIUM HYPOCHLORITE OTHER INGREDIENTS TOTAL

MINIMUM AVAILABLE CHLORINE 65%

NOTIFICATION	f
--------------	---

20

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

Contamination or improper use may cause fire explosion or the release of toxic gases. Do not allow product to contact any foreign matter including other water treatment products. If product is exposed to small amounts of water it can react violently to produce heat and toxic gases and spatter. Do not add water to this product. Add only into water {The following optional statement is for use on residential use swimming pool and spa products} [Do not mix this product with a small amount of water. Only add directly to your pool or spa]. Highly Corrosive. Causes skin and eye damage. May be fatal if swallowed

68%

32%

100%

Read all precautionary statements on back label and first aid statements before use

{Note to reviewer Although this product has a Danger' signal word as per the EPA label review manual The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement. See First Aid (or Statement of Practical Treatment) on (identify appropriate panel) appears on the front panel. If the First Aid Statements are placed on the front panel of the final graphic label the statement below will not be used.

See [left] [right] [back] [side] panel for Precautionary and First Aid Statements

EPA Reg No 1258 913 EPA EST NO XXXXX Net wt xxxxxxxxxx [Superscript Used in Lot Number]

Sold by Arch Chemicals Inc P O Box 723547 Atlanta GA 31139 3547

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Highly corrosive Causes skin and eye damage May be fatal if swallowed Irritating to nose and throat

- Open in a well ventilated area Avoid breathing dust and fumes
- Do not get in eyes on skin or on clothing Do not handle with bare hands. Wear goggles and use rubber gloves. For additional protection of skin, wear long sleeves and long pants.
- Remove and wash contaminated clothing separately before reuse
- Wash thoroughly with soap and water after handling
- Use only utensils that are thoroughly clean and dry

FIRST AID

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 for treatment advice

IF ON SKIN OR CLOTHING 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 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 a poison control center or doctor Do not give anything by mouth to an unconscious person

IF INHALED Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment

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

IN CASE OF EMERGENCY CALL 1 800 654 6911

PHYSICAL and CHEMICAL HAZARDS

If product is exposed to small amounts of water it can react violently to produce heat and toxic gases and spatter Do not add water to this product Add only into water

- [Do not mix this product with a small amount of water Only add this product directly to your pool] {This statement will appear on Pool use labels only }
- Do not allow to become wet or damp before use

Can react with other materials including other water treatment products to cause intense fire explosion and the release of toxic gases

- Keep all foreign matter including other water treatment products away from this product
- Do not allow this product to contact other water treatment products. If used with a skimmer make sure skimmer is completely clean and free of residue from other water treatment products before putting this product in a skimmer.

Exposure to heat can cause this product to rapidly decompose leading to intense fire explosion and the release of toxic gases

Store in a cool dry well ventilated area

Strong oxidizing agent This product can increase fire intensity Keep away from heat and from flame and burning material (like a lighted cigarette)

{Environmental hazards statement for end use products in containers less than 5 gallons (liquid) or less than 50 pounds (solid dry weight) use only the first sentence all others use full paragraph }

ENVIRONMENTAL HAZARDS This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes ponds streams estuaries oceans or public 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

STORAGE & DISPOSAL {Optional statements – usage depends on whether or not refillable or nonrefillable containers are used and whether or not product is packaged for household/residential use only}

{Nonrefillable container household/residential use}

[Keep this product dry in its tightly closed container when not in use Store in a cool dry well ventilated area Keep away from heat or open flame Nonrefillable container. Do not reuse or refill this container Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING]

{Nonrefillable container – single use non resealable package}

[Keep this product dry in its tightly closed container Store in a cool dry well ventilated area Keep away from heat or open flame Nonrefillable container. Do not reuse or refill this container Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING]

{Refillable container – household/residential use}

[Keep this product dry in its tightly closed container when not in use Store in a cool dry well ventilated area Keep away from heat or open flame Do not contaminate food or feed by storage or disposal or cleaning of equipment FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING Refillable container Refill this container with calcium hypochlorite only Do not use this container for any other purpose Rinse empty container thoroughly with water to dissolve all material prior to disposal]

{Nonrefillable container non household/residential use}

[Keep this product dry in its tightly closed container when not in use Store in a cool dry well ventilated area Keep away from heat or open flame Do not contaminate food or feed by storage or disposal or cleaning of equipment FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING Nonrefillable container Do not reuse this container Offer for recycling if available Rinse empty container thoroughly with water to dissolve all material prior to disposal] {Refillable container – non household/residential use}

[Keep this product dry in its tightly closed container when not in use Store in a cool dry well ventilated area Keep away from heat or open flame Do not contaminate food or feed by storage or disposal or cleaning of equipment FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING Refillable container Refill this container with calcium hypochlorite only Do not use this container for any other purpose Cleaning of this container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller Rinse empty container thoroughly with water to dispolve all material prior to disposal]

EMERGENCY HANDLING In case of contamination or decomposition – Do not reseal container Immediately remove container to an open and well ventilated outdoor area by itself. Flood with large amounts of water Dispose of the container and any remaining contaminated material in an approved landfill area

{Optional}



{Optional}



[[HTH] [HTH POOLIFE] (Brand Name) HELP_INE [866 HTH POOL] [800 484 7665] [866-4 POOL FUN] Toll Free

Call 7 days a week with your questions concerning pool water care 8 00 a m 10 00 p m Eastern Time [HTH®] [Sock It®] [Super Sock It®] and [pH Plics®] [Pulsar®] [DryTec®] [ConstantChlor®] [CCH®] (brand name) are registered trademarks of Arch Chemicals Inc [Visit [brand] www_xxx com]

{OPTIONAL MARKETING CLAIMS}

[Kills Bacteria Controls Algae and Destroys Organic Contaminants] [Dry free flowing form] [Kills bacteria] [Controls algae] and [destroys organic contaminants in pools] [Destroys bacteria] [Concentrated chlorinating agent] [68% available chlorine] [Fast acting] [Quick dissolving] [Sanitizes pool water] [Swimming pool sanitizer] [Chlorinating granules for multipurpose uses] [Chlorinating granules for multiple pool and spa uses] [Will not cause over stabilization] [Contains no cyanuric acid] [Good for all pool surfaces] [Chlorinating granules for multiple pool and spa uses]

{If the following Spanish statement is used it must appear directly above DIRECTIONS FOR USE } Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle (If you do not understand the label find someone to explain it to you in detail)

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

{For commercial pool municipal and industrial labels } [This product is a concentrated chlorinating agent in a dry free flowing form which controls the growth of algae kills bacteria and destroys organic contaminants in pools spas and hot tubs]

READ ALL PRECAUTIONARY STATEMENTS BEFORE USE

{Use 1} [Swimming Pools

[WHY YOU SHOULD USE THIS PRODUCT This is a highly effective multi purpose product that [sanitizes] [clarifies] [helps] prevent[s] algae and [shock treats your pool] It is convenient easy to use and won t over stabilize your pool [For crystal clean [clear] pool water follow our 4 step pool care program Step 1 Test and adjust pool water balance Step 2 Chlorinate and clarify Step 3 Shock treat your pool at least once a week and Step 4 Add algaecide regularly [where needed] [For best results follow a weekly program with our [brand] System Consult your authorized [brand] dealer for advice on the system that best suits your pool and your lifestyle] [Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis]

[Additional shocking to keep water clean and clear is recommended after rain and heavy winds high number of swimmers increased water temperature and/or increased frequency of pool usage]

{Small pools (500 gallons to less than 10 000 gallons) and pools 10 000 gallons and above} HOW TO USE [Do not pre mix this product] [Only add this product directly to your pool or skimmer]

{When contents are in a resealable container} [Use only a clean dry [scoop] [lid] to measure this product] [Do not use the [scoop] [lid] for any other purpose] {When contents are in a single use bag for use as a shock for pools 10 000 gallons or larger} [Use entire contents when opened]

[Method for dosing directly into pool]

Add the recommended dosage of this product during evening hours while the filter pump is running vinen adding this product to your pool broadcast the product evenly over a wide area in the deepest part of the pool if any granules settle to the bottom of the pool use brush to disperse

[Method for skimmer addition

[Use this method to avoid bleaching vinyl liner or paint] Make sure that filter pump is on and properly recirculating through skimmer Empty skimmer of all chemicals and/or debris. Contamination may cause an explosion or the release of toxic gases. Do not use this method when an automatic chemical dispensing device (e.g. feeder) is present. Pour this product slowly into skimmer making sure that the material is drawn into the system at the same rate. do not allow this material to accumulate as toxic gases may be generated]

Sock It EPA Reg No 1258 913 EPA Stamped Label 2 1 08 **Draft 6 15 2012** WATER BALANCE For best product performance swimmer comfort and crystal clear water Maintain pH in the range of 7 2 to 7 6 Maintain total alkalinity in the range of 60 to 120 {retail brands only} {Commercial product for very large commercial or municipal pools will use 100} parts per million (ppm) Maintain calcium hardness above 200 ppm Use a reliable test kit that measures all these ranges Use [brand] Pool Care Products to make adjustments Follow label directions for each product

Do not enter pool until the free available chlorine residual is 1 4 ppm [for each of the below noted water treatment applications] {For Commercial/Municipal pool labels} [Reenter pool when residual is 1 4 ppm]

OPENING YOUR POOL For best results see the WATER BALANCE section above before treatment Always adjust and maintain pH in the 7 2 to 7 6 range Follow SHOCK TREATMENT directions on this package Allow 30 minutes for product to disperse Test free available chlorine residual with a pool test kit Repeat treatment as needed

[ROUTINE CHLORINATION For best results see WATER BALANCE section above before treatment Throughout the pool season adjust and maintain pH at 7 2–7 6 Check available chlorine with a suitable test kit]

{For small pools 500 gallons to less than 10 000 gallons}

[Each 0 1 0 4 ounces of this product will provide approximately 1 4 ppm available chlorine in 500 gallons of water Maintain these conditions for proper operation by frequent testing with a test kit Follow HOW TO USE directions on this package]

{For pools 10 000 gallons and larger}

[FOR UNSTABILIZED POOLS Add 6 8 ounces of this product per 10 000 gallons of pool water daily or as often as needed to maintain the free available chlorine residual at 1 – 4 ppm Follow HOW TO USE directions on this package FOR POOLS STABILIZED USING [brand] STABILIZER AND CONDITIONER Add 3–4 ounces per 10 000 gallons every other day or as often as needed to maintain the free available chlorine residual at 1 4 ppm Follow HOW TO USE directions on this package]

{For pools 10 000 gallons and larger}

[SHOCK TREATMENT / SUPERCHLORINATION For best results see WATER BALANCE and HOW TO USE sections above before treatment Every 7 days or as necessary to prevent pool problems shock treat / superchlorinate the pool by adding 10 20 ounces [one bag {for 16 oz containers}] of this product per 10 000 gallons of water to provide 5 to 10 ppm available chlorine Additional shock treatments may be required to correct problems which are caused by visible algae high bathing loads heavy wind and rainstorms Additional shock treatments may also be required to correct problems such as unpleasant odors and eye irritation Check the available chlorine with a suitable test kit]

{For pools 10 000 gallons and larger}

[ALGAE CONTROL Follow SHOCK TREATMENT directions on this label Add this product as close as possible to any algae on the sides or bottom of the pool. If necessary repeat the treatment. To prevent possible staining or bleaching take the following steps immediately after treatment. Thoroughly clean pool by brushing surface of algae growth vacuum and cycle through filter.]

[Algae Control Shock treatment should control algae However if problems persist use your preferred [brand] [spa] algaecide product regularly Follow label directions on the algaecide]

{Labels of resealable containers used to treat pools 10 000 gallons and larger}

[WINTERIZING For best results see WATER BALANCE section above before treatment Gradually add 30 ounces of this product per 10 000 gallons of pool water that is clear and clean. This provides 15 ppm f ee available chlorine. Follow HOW TO USE directions on this package. Run the filter pump until granules are completely dissolved. Cover the pool with a pool cover. Prepare the heater pump and filter components for winterizing by following manufacturers directions.]

[TO DETERMINE YOUR POOL CAPACITY IN U S GALLONS USE THE APPROPRIATE FORMULA BELOW POOL SHAPE FORMULA (Use measurements in feet only)

RECTANGULAR Length x Width x Average Depth x 7 5 = Total Gallons

ROUND Diameter x Diameter x Average Depth x 5 9 =Total Gallons

OVAL Maximum Length x Maximum Width x Average Depth x 5 9 = Total Gallons

FREE FORM Surface Area (Sq Feet) x Average Depth x 7 5 = Total Gallons]

{Use 2} [Spas & Hot Tubs

[How To Use For best results see WATER BALANCE section below before treatment Maintain these conditions for proper operation by frequent testing with a test kit. Do not allow cyanuric acid level to exceed 100 ppm. It is recommended that spas and hot tubs be drained every 30 90 days more often under heavy use Consult manufacturers recommendations concerning the compatibility of chlorine sanitizers with their equipment. Some oils lotions fragrances cleansers etc. may cause foaming or cloudy water and may react with chlorine sanitizers to reduce their efficacy. If circulation is low stir water after addition of chlorine or other chemicals.

[Water Balance For best product performance comfort and crystal clear water Maintain pH in the range of 7 2 to 7 6 Maintain total alkalinity in the range of 60 to 120 parts per million (ppm) Maintain calcium hardness above 200 ppm Use a reliable test kit that measures all these ranges Use [HTH] [brand name] [Spa] Care Products to make adjustments Follow label directions for each product]

Re entry into treated spas is prohibited above levels of 5 ppm free available chlorine due to risk of bodily harm

[Opening Your Spa] Startup (Freshly Filled) For best results see WATER BALANCE section above before treatment. Turn on circulation system and ensure that it is operating properly. Add one (1) ounce of this product to provide approximately 10 ppm available chlorine for each 500 gallons of water. Check the free available chlorine (FAC) and if less than 4.5 ppm repeat as needed.

[Routine Chlorination For] Regular Use For best results see WATER BALANCE section above before treatment Turn on circulation system and ensure that it is operating properly Scatter 0.3.0.5 ounces of this product per 500 gallons over the surface of the water Test for free available chlorine and add additional product if necessary to maintain 3–5 ppm FAC while unit is in use

[Shock Treatment After each use shock treat with one (1) ounce of this product to provide approximately 10 ppm available chlorine per 500 gallons of water to control odors and algae Repeat as needed]

[Algae Control For preventative algae control use your preferred [HTH] [brand name] [spa] algaecide product regularly Follow the label directions on the algaecide]

Extended Non use Period For best results see WATER BALANCE section above before treatment During extended non use periods when the unit is not being used add 1 1 ounces of this product per 500 gallons twice a week with the circulation system running or as needed to maintain 3 5 ppm free available chlorine]

{Use 3}

[HUBBARD AND IMMERSION TANKS Add 0 5 oz of this product per 100 gallons of water before patient use to obtain a chlorine residual of 25 ppm as determined by a suitable test kit. Adjust and maintain the water pH to between 7 2 and 7 6. After each use drain the tank. Add 0 5 oz to a bucket of water and circulate this solution through the agitator of the tank for 15 minutes and then rinse out the solution. Clean tank thoroughly and dry with clean cloths]

[HYDROTHERAPY TANKS – Add 1 oz of this product per 1 000 gallons of water to obtain a minimum chlorine residual of 1 ppm as determined by a suitable chlorine test kit after satisfying any chlorine demand Tank should not be entered until the chlorine residual is below 3 ppm. Adjust and maintain the water pH to between 7 2 and 7 6. Operate pool filter pump continuously. Drain pool weekly, and clean before refilling]

{Use4} [SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

RINSE METHOD A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz of this product with 40 gallons of water. If no test kit is available prepare a sanitizing solution by thoroughly mixing 1 oz of this product with 20 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner Prior to use rinse all surfaces thoroughly with the sanitizing solution maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine as determined by a suitable test kit either discard the solution or add sufficient product to re establish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

IMMERSION METHOD A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz of this product with 40 gallons of water. If no test kit is available prepare a sanitizing solution by thoroughly mixing 1 oz of this product with 20 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment in the normal manner Prior to use immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine as determined by a suitable test kit either discard the solution or add sufficient product to re establish a 200 ppm residual. Do not rinse equipment with water after treatment.

Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes

FLOW/PRESSURE METHOD Disassemble equipment and thoroughly clean after use Assemble equipment in operating position prior to use Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110 % of volume capacity of the equipment by mixing the product in a ratio of 1 oz product with 20 gallons of water. Pump solution through the system until full flow is obtained at all extremities the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain value and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm-available chlorine.

CLEAN IN PLACE METHOD Thoroughly clean equipment after use Prepare a volume of a 200 pt m available chlorine sanitizing solution equal to 110 % of volume capacity of the equipment by mixing the product in a ratio of 1 oz product with 20 gallons of water. Pump solution through the system until full flow is obtained at all extremities the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/ sanitizing p occcs if effluent contains less than 50 ppm available chlorine.

Sock It EPA Reg No 1258 913 EPA Stamped Label 2 1 08 **Draft 6 15 2012** **COARSE SPRAY METHOD** Preclean all surfaces after use Use a 200 ppm available chlorine solution to control bacteria mold or fungi and a 600 ppm solution to control bacteriophage Prepare a 200 ppm sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 1 oz product with 20 gallons of water Prepare a 600 ppm solution by thoroughly mixing the product in a ratio of 3 oz product with 20 gallons of water Use spray equipment which can resist hypochlorite solutions. Always empty and rinse spray equipment with potable water after use. Thoroughly spray all surfaces until wet allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment rinse all surfaces treated with a 600 ppm solution with a 200 ppm solution.]

{Use 5} [SANITIZATION OF POROUS FOOD CONTACT SURFACES

RINSE METHOD Prepare a 600 ppm solution by thoroughly mixing 3 oz of this product with 20 gallons of water Clean surfaces in the normal manner Rinse all surfaces thoroughly with the 600 ppm solution maintaining contact for at least 2 minutes Prepare a 200 ppm sanitizing solution by thoroughly mixing 1 oz of this product with 20 gallons of water Prior to using equipment rinse all surfaces with a 200 ppm available chlorine solution.

IMMERSION METHOD Prepare a 600 ppm solution by thoroughly mixing in an immersion tank 3 oz of this product with 20 gallons of water. Clean equipment in the normal manner. Prepare a 200 ppm sanitizing solution by thoroughly mixing 1 oz of this product with 20 gallons of water. Prior to using immerse equipment in the 200 ppm sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse and do not soak equipment overnight.

COARSE SPRAY METHOD Preclean all surfaces after use Prepare a 600 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 3 oz product with 20 gallons of water Use spray equipment which can resist hypochlorite solutions. Always empty and rinse spray equipment with potable water after use. Thoroughly spray all surfaces until wet allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Prepare a 200 ppm sanitizing solution by thoroughly mixing 1 oz of this product with 20 gallons of water.

{Use 6} [SANITIZATION OF NONPOROUS NON FOOD CONTACT SURFACES

RINSE METHOD Prepare a sanitizing solution by thoroughly mixing 1 oz of this product with 20 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use rinse all surfaces thoroughly with the sanitizing solution maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with plain {clarification added} water after treatment and do not soak equipment overnight.

IMMERSION METHOD Prepare a sanitizing solution by thoroughly mixing in a immersion tank 1 oz of this product with 20 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

COARSE SPRAY METHOD Preclean all surfaces after use Prepare a 200 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 1 oz product with 20 gallons of water Use spray equipment which can resist hypochlorite solutions. Prior to using equipment thoroughly spray all surfaces until wet allowing excess sanitizer to drain. Vacate area for at least 2 hours]

{Use 7} [DISINFECTION OF NONPOROUS NON FOOD CONTACT SURFACES

RINSE METHOD Prepare a disinfecting solution by thoroughly mixing 3 oz of this product with 20 gallens of water to provide approximately 600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use rinse all surfaces thoroughly with the disinfecting solution maintaining contact with the solution for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD Prepare a disinfecting solution by thoroughly mixing in an immersion tank 3 oz of this product with 20 gallons of water to provide approximately 600 ppm available chlorine by weight Clean equipment in the normal manner. Prior to use immerse equipment in the disinfecting solution for at 6 st 10 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.]

Sock It EPA Reg No 1258 913 EPA Stamped Label 2 1 08 **Draft 6 15 2012**

{Use 8} [SANITIZATION OF POROUS NON FOOD CONTACT SURFACES

RINSE METHOD Prepare a sanitizing solution by thoroughly mixing 3 oz of this product with 20 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean surfaces in the normal manner Prior to use rinse all surfaces thoroughly with the sanitizing solution maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD Prepare a sanitizing solution by thoroughly mixing in an immersion tank 3 oz of this product with 20 gallons of water to provide approximately 600 ppm available chlorine by weight Clean equipment in the normal manner Prior to use immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment

COARSE SPRAY METHOD After cleaning sanitize non food contact surfaces with 600 ppm available chlorine by thoroughly mixing the product in a ratio of 3 oz of this product with 20 gallons of water. Use spray equipment which can resist hypochlorite solutions. Always empty and rinse spray equipment with potable water after use Prior to using equipment, thoroughly spray all surfaces until wet allowing excess sanitizer to drain. Vacate area for at least 2 hours]

{Use 9} [SEWAGE & WASTEWATER EFFLUENT TREATMENT The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or fecal coliform bacteria (as determined by the Most Probable Number (MPN) procedure) of the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction

On the average satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection the importance of correlating chlorine residual with bacterial kill must be emphasized. The MPN of the effluent which is directly related to the water quality standards requirements should be the final and primary standard and the chlorine residual should be considered an operating standard valid only to the extent verified by the coliform quality of the effluent

The following are critical factors affecting wastewater disinfection

1 Mixing It is imperative that the product and the waste water be instantaneously and completely flash mixed to assure reaction with every chemically active soluble and particulate component of the waste water

2 Contacting Upon flash mixing the flow through the system must be maintained

3 Dosage/Residual Control Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined desirable chlorine level. Secondary effluent should contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 ppm after 15 minutes contact time.]

{Use 10} [SEWAGE AND WASTEWATER TREATMENT

EFFLUENT SLIME CONTROL Apply a 100 to 1 000 ppm available chlorine solution at a location which will allow complete mixing Prepare this solution by mixing 2 to 20 oz of this product with 100 gallons of water Once control is evident apply a 15 ppm available chlorine solution. Prepare this solution by mixing 0 3 oz of this product with 100 gallons of water

FILTER BEDS SLIME CONTROL Remove filter from service drain to a depth of 1 ft above filter sand and add 16 oz of product per 20 sq ft evenly over the surface Wait 30 minutes before draining water to a level that is even with the top of the filter Wait for 4 to 6 hours before completely draining and backwashing filter]

{Use 11} [DISINFECTION OF DRINKING WATER (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS)

PUBLIC SYSTEMS [Mix a ratio of 1 oz of this product to 6 000 gallons of water] {or} [Mix a ratio of 10 oz to 30 oz of this product into 10 gallons of water to make a 0 5% to 1 5% solution {added to provide a 4m3ller quantity of feeder solution when needed}] Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0 2 ppm and no more than 0 6 ppm is attained throughout the distribution system Check water frequently with a chlorine test kit Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Primary Drinking Water Regulations. Contact your local Health Department for further details

INDIVIDUAL SYSTEMS DUG WELLS Upon completion of the casing (lining) wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. This solution can be made by thoroughly mixing 1 oz of this product into 40 gallons of water. After covering the well pour the sanitizing solution into the well through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water Contact your local Health Department for further details.

INDIVIDUAL WATER SYSTEMS DRILLED DRIVEN & BORED WELLS Run pump until water is as free from turbidity as possible Pour a 100 ppm available chlorine sanitizing solution into the well this solution can be made by thoroughly mixing 1 oz of this product into 40 gallons of water Add 5 to 10 gallons of clean chlorinated water to the well in order to force the sanitizer into the rock formation. Wash the exterior of pump cylinder with the sanitizer. Drop pipeline into well start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well. Consult your local Health Department for further details.

INDIVIDUAL WATER SYSTEMS FLOWING ARTESIAN WELLS Artesian wells generally do not require disinfection If analyses indicate persistent contamination the well should be disinfected. Consult your local Health Department for further details

EMERGENCY DISINFECTION When boiling of water for 1 minute is not practical water can be made potable by using this product Prior to addition of the sanitizer remove all suspended material by filtration or by allowing it to settle to the bottom Decant the clarified contaminated water to a clean container and add 1 grain of this product to 1 gallon of water One grain is approximately the size of the letter o in this sentence. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor. If not repeat dosage and allow the water to stand an additional 15 minutes. The treated water can then be made palatable by pouring it between clean containers for several times.]

{Use 12} [PUBLIC WATER SYSTEMS

RESERVOIRS ALGAE CONTROL Hypochlorinate streams feeding the reservoir Suitable feeding points should be selected on each stream at least 50 yards upstream from the points of entry into the reservoir

MAINS Thoroughly flush section to be sanitized by discharging from hydrants. Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

NEW TANKS BASINS ETC Remove all physical soil from surfaces Place 4 oz of this product for each 5 cubic feet of working capacity (500 ppm available chlorine) Fill to working capacity and allow to stand for at least 4 hours Drain and flush with potable water and return to surface

NEW FILTER SAND Apply 16 oz of this product for each 150 to 200 cubic feet of sand The action of the product dissolving as the water passes through the bed will aid in sanitizing the new sand

NEW WELLS Flush the casing with a 50 ppm available chlorine solution of water containing 1 oz of this product for each 100 gallons of water. The solution should be pumped or fed by gravity into the well after thorough mixing with agitation. The well should stand for several hours or overnight under chlorination. It may then be pumped until a representative raw water sample is obtained. Bacterial examination of the water with indicate whether further treatment is necessary.

EXISTING EQUIPMENT Remove equipment from service thoroughly clean surfaces of all physical soil Sanitize by placing 4 oz of this product for each 5 cubic feet capacity (approximately 500 ppm available chlorine) Fill to working capacity and let stand at least 4 hours Drain and place in service If the previous treatment is not practical surfaces may be sprayed with a solution containing 1 oz of this product for each 5 gallons of water (approximately 1 000 ppm available chlorine) After drying flush with water and return to service]

{Use 13} [EMERGENCY DISINFECTION AFTER FLOODS

WELLS Thoroughly flush contaminated casing with a 500 ppm available chlorine solution. Prepare this solution by mixing 1 oz of this product with 10 gallons of water. Backwash the well to increase yield and reduce turbidity adding sufficient chlorinating solution to the backwash to produce a 10 ppm available chlorine residual as determined by a chlorine test kit. After the turbidity has been reduced and the casing has been treated add sufficient chlorinating solution to produce a 50 ppm available chlorine residual. Agitate the well water for several hours and take a representative water sample. Treat well again if water samples are biologically unacceptable.

RESERVOIRS In case of contamination by overflowing streams establish hypochlorinating stations upstream of the reservoir Chlorinate the inlet water until the entire reservoir obtains a 0.2 ppm available chlorine residual as determined by a suitable chlorine test kit. In case of contamination from surface drainage apply sufficient product directly to the reservoir to obtain a 0.2 ppm available chlorine residual in all parts of the reservoir.

BASINS TANKS FLUMES ETC Thoroughly clean all equipment then apply 4 oz of product per 5 cu ft of water to obtain 500 ppm available chlorine as determined by a suitable test kit After 24 hours drain flush and return to service If the previous method is not suitable spray or flush the equipment with a solution containing 1 oz of this product for each 5 gallons of water (1 000 ppm available chlorine) Allow to stand for 2 4 hours flush and return to service

FILTERS when the sand filter needs replacement apply 16 oz of this product for each 150 to 200 cubic feet of sand When the filter is severely contaminated additional product should be distributed over the surface at the rate of 16 oz per 20 sq ft Water should stand at a depth of 1 foot above the surface of the filter bed for 4 to 24 hours. When filter beds can be back washed of mud and silt apply 16 oz of this product per each 50 sq ft allowing the water to stand at a depth of 1 foot above the filter sand. After 30 minutes drain water to the level of the filter After 4 to 6 hours drain and proceed with normal back washing.

DISTRIBUTION SYSTEM Flush repaired or replaced section with water Establish a hypochlorinating station and apply sufficient product until a consistent available chlorine residual of at least 10 ppm remains after a 24 hour retention time. Use a chlorine test kit]

{Use 14} [EMERGENCY DISINFECTION AFTER FIRES

CROSS CONNECTIONS OR EMERGENCY CONNECTIONS Hypochlorination or gravity feed equipment should be set up near the intake of the untreated water supply Apply sufficient product to give a chlorine residual of at least 0 1 to 0 2 ppm at the point where the untreated supply enters the regular distribution system Use a chlorine test kit]

{Use 15} [EMERGENCY DISINFECTION AFTER DROUGHTS

SUPPLEMENTARY WATER SUPPLIES Gravity or mechanical hypochlorite feeders should be set up on a supplementary line to dose the water to a minimum chlorine residual of 0.2 ppm after a 20 minute contact time Use a chlorine test kit

WATER SHIPPED IN BY TANKS TANK CARS TRUCKS ETC Thoroughly clean all containers and equipment Spray a 500 ppm available chlorine solution and rinse with potable water after 5 minutes. This solution is made by mixing 1 oz of this product for each 10 gallons of water. During the filling of the containers dose with sufficient amounts of this product to provide at least a 0.2 ppm chlorine residual. Use a chlorine test kit.]

{Use 16} [EMERGENCY DISINFECTION AFTER MAIN BREAKS

MAINS Before assembly of the repaired section flush out mud and soil Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.]

{Use 17} [COOLING TOWER/EVAPORATIVE CONDENSER WATER

SLUG FEED METHOD Initial dose When system is noticeably fouled apply 10 to 20 oz of this product per 10 000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved Subsequent dose When microbial control is evident add 2 oz of this product per 10 000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun

INTERMITTENT FEED METHOD Initial Dose When system is noticeably fouled apply 10 to 20 oz of this product per 10 000 gallons of water in the system to obtain 5 to 10 ppm available chlorine Apply half (or 1/3 1/4 or 1/5) of this initial dose when half (or 1/3 1/4 or 1/5) of the water in the system has been lost by blow down

Subsequent Dose When microbial control is evident add 2 oz of this product per 10 000 gallons of water in the system to obtain a 1 ppm residual Apply half (or 1/3 1/4 or 1/5) of this initial dose when half (or 1/3 1/4 or 1/5) of the water in the system has been lost by blow down Badly fouled systems must be cleaned before treatment is begun

CONTINUOUS FEED METHOD Initial dose when system is noticeably fouled apply 10 to 20 oz of this product per 10 000 gallons of water in the system to obtain 5 to 10 ppm available chlorine

[Subsequent Dose Maintain this treatment level by starting a continuous feed of 2 oz of this product per 10 000 gallons of water lost by blow down to maintain a 1 ppm residual Badly fouled systems must be cleaned before treatment is begun]

[Subsequent Dose When microbial control is evident add 2 oz of this product per 10 000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm Badly fouled systems must be cleaned before treatment is begun]

{Use 18} [LAUNDRY SANITIZERS

HOUSEHOLD LAUNDRY SANITIZERS IN SOAKING SUDS Thoroughly mix 1 Tbs of this product to 10 gallons of wash water to provide 200 ppm available chlorine Wait 5 minutes then add soap or detergent Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle

IN WASHING SUDS Thoroughly mix 1 Tbs of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine Wait 5 minutes then add soap or detergent and start the wash/rinse cycle

COMMERCIAL LAUNDRY SANITIZERS Wet fabrics or clothes should be spun dry prior to sanitization Thoroughly mix 1 oz of this product with 20 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.

[FEDERALLY INSPECTED MEAT & POULTRY PLANT LAUNDRY SANITIZERS Wet fabrics which contact meat or poultry products directly or indirectly should be spun dry prior to sanitization. Thoroughly mix 1 oz of this product with 20 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer add the solution into the prewash prior to washing fabrics in the regular wash cycle with a good detergent. Test the level of available chlorine if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm. Thoroughly rinse fabrics with potable water at the end of the laundering operation.]

{Use 19} [FARM PREMISES Remove all animals poultry and feed from premises vehicles and enclosures Remove all litter and manure from floors walls and surfaces of barns pens stalls chutes and other facilities occupied or traversed by animals or poultry Empty all troughs racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. To disinfect saturate all surfaces with a solution of at least 1000 ppm available chlorine for a period of 10 minutes. A 1000 ppm solution can be made by thoroughly mixing 2 oz of this product with 10 gallons of water. Immerse all halters, ropes and other types of equipment used in handling and restraining animals or poultry as well as the cleaned forks shovels and scrapers used for removing litter and manure. Ventilate buildings cars boats and other closed spaces. Do not house livestock or poultry or employ equipment until chlorine has been dissipated. All treated feed racks mangers troughs automatic feeders fountains and waterers must be rinsed with potable water before reuse.]

{Use 20} [PULP AND PAPER MILL PROCESS WATER SYSTEMS

SLUG FEED METHOD Initial Dose When system is noticeably fouled apply 10 to 20 oz of this product per 10 000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine Repeat until control is achieved

Subsequent Dose When microbial control is evident add 2 oz of this product per 10 000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm Badly fouled systems must be cleaned before treatment is begun

INTERMITTENT FEED METHOD Initial Dose when system is noticeably fouled apply 10 to 20 oz of this product per 10 000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3 1/4 or 1/5) of this initial dose when half (or 1/3 1/4 or 1/5) of the water in the system has been lost by blow down.

Subsequent Dose When microbial control is evident add 2 oz of this product per 10 000 gallons of water in the system to obtain a 1 ppm residual Apply half (or 1/3 1/4 or 1/5) of this initial dose when half (or 1/3 1/4 or 1/5) of the water in the system has been lost by blow down Badly fouled systems must be cleaned before treatment is begun

CONTINUOUS FEED METHOD Initial dose When system is noticeably fouled apply 10 to 20 oz of this product per 10 000 gallons of water in the system to obtain 5 to 10 ppm available chlorine [Subsequent Dose Maintain this treatment level by starting a continuous feed of 2 oz of this product per 10 000 gallons of water lost by blow down to maintain a 1 ppm residual Badly fouled systems must be cleaned before treatment is begun]

[Subsequent Dose When microbial control is evident add 2 oz of this product per 10 000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm Badly fouled systems must be cleaned before treatment is begun]

{Use 21} [AGRICULTURAL USES

POST HARVEST PROTECTION Potatoes can be sanitized after cleaning and prior to storage by spraying with a sanitizing solution at a level of 1 gallon of sanitizing solution per 1 ton of potatoes. Thoroughly mix 1 oz of this product in 10 gallons of water to obtain 500 ppm available chlorine.

Disinfect leaf cutting bee cells and bee boards by immersion in a solution containing 1 ppm available chlorine for 3 minutes. Allow cells to drain for 2 minutes and dry for 4 to 5 hours or until no chlorine odor can be detected. This solution is made by thoroughly mixing 1/4 Tsp. of this product to 200 gallons of water. The bee domicile is disinfected by spraying with a 0.1 ppm solution until all surfaces are thoroughly wet. Allow the domicile to dry until all chlorine odor has dissipated.

FOOD EGG SANITIZATION Thoroughly clean all eggs Thoroughly mix 1 oz of this product with 20 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130 F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be reused to sanitize eggs.

FRUIT & VEGETABLE WASHING Thoroughly clean all fruits and vegetables in a wash tank Thoroughly mix 1 oz of this product in 200 gallons of water to make a sanitizing solution of 25 ppm available chlorine. After draining the tank submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Spray rinse vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

SEEDS To control bacterial spot (<u>Xanthomonas vesticatoria</u>) on Pimento seeds initially remove mois seeds from ripe fruits. To control surface fungi and bacteria on tomato seeds initially wash seeds. Immediately seak seeds in 39 000 ppm solution for 15 minutes with continuous agitation. After treatment rinse seeds in potable water for 15 minutes. Dry seeds to normal moisture. The solution may be made by mixing 8 oz of this product with 1 gallon of water.

MUSHROOMS To control bacterial blotch (<u>Pseudomonas tolaasii</u>) use a 100 to 200 ppm solution prior to watering mushroom production surfaces. This solution may be made by mixing 0.2 to 0.4 oz of this product with 10 gallons of water. First application should begin when pins form and thereafter between breaks on a need basis depending on the occurrence of bacterial blotch. This product may be applied directly to pins to control small infection foci. Apply 1.5 to 2.0 oz per square foot of growing space.

POST HARVEST ROOTS To control and reduce the spread of soft rot causing organisms in water and on sweet potatoes (<u>lpomoea batatas</u>) spray or dip the potatoes with a 150 to 500 ppm solution for 2 to 5 minutes Thoroughly mix 0 3 to 1 0 oz of this product per 10 gallons of water to obtain this solution. Monitor the chlorine concentration and change the solution after one hour or as needed]

{Use 22} [AQUACULTURAL USES

FISH PONDS Remove fish from ponds prior to treatment Thoroughly mix 20 oz of this product to 10 000 gallons of water to obtain 10 ppm available chlorine. Add more product to the water if the available chlorine level is below 1 ppm after 5 minutes. Return fish to pond after the available chlorine level reaches zero.

FISH POND EQUIPMENT Thoroughly clean all equipment prior to treatment Thoroughly mix 1 oz of this product to 20 gallons of water to obtain 200 ppm available chlorine Porous equipment should soak for one hour

MAINE LOBSTER PONDS Remove lobsters seaweed etc from ponds prior to treatment Drain the pond Thoroughly mix 1 200 oz of this product to 10 000 gallons of water to obtain at least 600 ppm available chlorine Apply so that all barrows gates rock and dam are treated with product Permit high tide to fill the pond and then close gates Allow water to stand for 2 to 3 days until the available chlorine level reaches zero. Open gates and allow 2 tidal cycles to flush the pond before returning lobsters to pond

CONDITIONING LIVE OYSTERS Thoroughly mix 1 oz of this product in to {typo correction} 10 000 gallons of water at 50 to 70 F to obtain 0 5 ppm available chlorine Expose oysters to this solution for at least 15 minutes monitoring the available chlorine level so that it does not fall below 0 05 ppm Repeat entire process if the available chlorine level drops below 0 05 ppm or the temperature falls below 50 F

CONTROL OF SCAVENGERS IN FISH HATCHERY PONDS Prepare a solution containing 200 ppm of available chlorine by mixing 0.5 oz of product with 10 gallons of water. Pour into drained pond potholes. Repeat if necessary. Do not put desirable fish back into refilled ponds until chlorine residual has dropped to 0 ppm as determined by a test kit.]

{Use 23} [SANITIZATION OF DIALYSIS MACHINES Flush equipment thoroughly with water prior to using this product Thoroughly mix 7 oz of this product to 60 gallons of water to obtain at least 600 ppm available chlorine. Immediately use this product in the hemodialysate system allowing for a minimum contact time of 15 minutes at 20 C. Drain system of the sanitizing solution and thoroughly rinse with water. Discard and DO NOT reuse the spent sanitizer. Rinsate must be monitored with a suitable test kit to insure that no available chlorine remains in the system.

This product is recommended for decontaminating single and multipatient hemodialysate systems. This product has been shown to be an effective disinfectant (virucide fungicide bactericide pseudomonicide) when tested by AOAC and EPA test methods. This product may not totally eliminate all vegetative microorganisms in hemodialysate delivery systems due to their construction and/or assembly but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. This product should be used in a disinfectant program which includes bacteriological monitoring of the hemodialysate delivery system. The product is NOT recommended for use in hemodialysate or reverse osmosis (RO) membranes. Consulting quidelines for hemodialysate systems available from the Hepatitis Laboratories. CDC. Phoenix: AZ 85C21

{Use 24} [TOILET BOWL SANITIZERS These products are marketed as individual packages for premient in the toilet. Therefore, use directions are not appropriate]{[Claims are limited to sanitization. No claims for disinfection are permitted}

{Use 25} [ASPHALT OR WOOD ROOFS AND SIDINGS To control fungus and mildew first remove all physical soil by brushing and hosing with clean water and apply a 5 000 ppm available chlorine solution Mix 1 oz of this product per gallon of water and brush or spray roof or siding After 30 minutes rinse by hosing with clean water]

{Use 26} [BOAT BOTTOMS To control slime on boat bottoms sling a plastic tarp under boat retaining enough water to cover the fouled bottom area but not allowing water to enter enclosed area. This envelope should contain approximately 500 gallons of water for a 14 foot boat. Add 3 5 oz. of this product to this water to obtain a 35 ppm available chlorine concentration. Leave immersed for 8 to 12 hours. Repeat if necessary. Do not discharge the solution until the free chlorine level has dropped to 0 ppm, as determined by a swimming pool test kit.]

{Use 27} [ARTIFICIAL SAND BEACHES To sanitize the sand spray a 500 ppm available chlorine solution containing 0 1 oz of this product per gallon of water at frequent intervals. Small areas can be sprinkled with a watering can]

{Use 28} [FOOD PROCESSING PLANTS

[TREATMENT OF FEDERALLY INSPECTED MEAT & POULTRY PLANT POTABLE WATER SUPPLIES Solutions of this product containing 1% available chlorine will effectively disinfect the water supply in Federally

Inspected Meat & Poultry Plants The solutions should be fed into the water supply by a hypochlorinator on the intake side of the pump. An available chlorine residual of 0.1 to 0.6 ppm must be maintained throughout the water distribution system to assure adequate disinfection. A regular testing program should be initiated to make sure that the proper chlorine residuals are present at all times. To make a 1% solution mix 10 ounces of this product into 5 gallons of water.]

[COOLING WATER IN CANNERIES Solutions of this product containing 1% available chlorine will sanitize cooling water protect canned goods from contamination and spoilage and prevent staining of cans. The solution should be fed at a point to provide uniform distribution of solution throughout cooling tanks or channels to reach a concentration of 2 ppm available chlorine. Check every two or three hours to be sure that an available chlorine residual of 2 ppm is maintained throughout the cooling system. To make a 1% solution mix 10 ounces of this product into 5 gallons of water]

POULTRY DRINKING WATER Spray or flush with a solution containing 1 oz of this product for every gallon of water. Treat poultry drinking water to a dosage of 1 to 5 ppm available chlorine by adding 1 to 5 oz of this product per 1 000 gallons of water.

FISH FILLETING Eviscerated and degiled fish removed from the fishing vessel are placed in a wash tank of seawater or fresh water which has been treated with enough product to produce a chlorine residual of 25 ppm as determined by a test kit. Remove fish from treated water 24 to 48 hours before filleting. After scaling the fish are again washed in a 25 ppm solution and are ready for filleting.

PECAN CRACKING AND DYEING Prepare a 1000 ppm available chlorine soaking solution by adding 1 oz of this product for each 5 gallons of water to obtain a 1000 ppm available chlorine content. Soak for a minimum of 10 minutes After removal age pecans for 24 hours. Before bleaching pecans are placed in a rotary cleaner where they are washed drained and soaked in a 2% sulphuric acid bath at 80 to 90 F for 1 minute. Transfer to a solution containing 100 oz of this product for each 100 gallons of water (5000 ppm). After 4 to 8 minutes they are drained and washed in a 1% sulphuric acid bath at 80 to 90 F. They are then dried]