



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

4959-1

Date of Issuance:

11/2/15

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

AcidiShine

Name and Address of Registrant (include ZIP Code):

West Agro Inc.
 11100 N. Congress Ave.
 Kansas City, MO 64153

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Julie Chao, Product Manager 33
 Regulatory Management Branch I, Antimicrobials Division (7510P)

Date:

11/2/15

2. You are required to comply with the data requirements described in the DCIs identified below:
 - a. Hydrogen Peroxide GDCI-000595-1127
 - b. Ethaneperoxoic Acid GDCI-063201-985

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCIs listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 4959-1.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated July 2, 2015

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terria@epa.gov.

Sincerely,



Julie Chao, Product Manager 33
Regulatory Management Branch 1

Enclosure: Accepted label

Sublabel A: General Directions for Use
Sublabel B: Agricultural Uses

AcidiShine™

Hard, food-contact surface cleaner, sanitizer, and disinfectant for use in commercial and industrial settings

Manufactured For/By:

West Agro, Inc.

11100 N. Congress Ave.

Kansas City, Missouri 64153

EPA Reg. No.: 4959-R

Net Contents: 1 gal, 5 gal, 55 gal, 275 gal

EPA Est. No.:

60156-IL-01,

4959-IL-01

4959-CA-01

4959-TX-01

54612-CN-001

833-PA-1

ACCEPTED

Nov 02, 2015

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 4959-1

Sublabel A: General Directions for Use

AcidiShine™

Hard, food-contact surface cleaner, sanitizer, and disinfectant for use in commercial and industrial settings

Active Ingredient:

Hydrogen Peroxide.....6.0%

Peracetic Acid.....5.2%

Inert Ingredients.....88.8%

Total.....100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

[See [left] [back] [side] panel [of label] for additional precautionary statements [and first aid statements]

FIRST AID	
If in Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 – 20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor immediately for treatment advice.
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.• Call a poison control center or doctor immediately for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center 1-800-222-1222.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: CORROSIVE. Fatal if absorbed through skin. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear overalls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and gloves. Wear protective eyewear (goggles, face shield, or safety glasses). Remove contaminated clothing and wash clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT. CORROSIVE. Mix only with potable water below 140° F. Product must be diluted in accordance with label directions prior to use. AcidiShine™ is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

ENVIRONMENTAL HAZARDS

[For containers greater than 5 gallons:]

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Not harmful to septic tanks.

[For containers less than or equal to 5 gallons:]

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic invertebrates.

DIRECTIONS FOR USE

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

SANITIZATION – FOOD CONTACT SURFACES

AcidiShine™ is a hydrogen peroxide and peroxyacetic acid sanitizer recommended for use on pre-cleaned surfaces such as equipment, pipelines, tanks, vats, filters, evaporators, pasteurizers, and aseptic equipment in dairies, breweries, wineries, beverage and food processing/packaging plants, egg processing/packaging equipment surfaces, and eating establishments. AcidiShine™ is effective as a sanitizer when solution is prepared in water of up to 300 hardness as CaCO₃. This product has demonstrated greater than 99.999% reduction of organisms after 60 seconds exposure periods in the AOAC Germicidal and Detergent Sanitizing Action of Disinfectant study.

NOTE: FOR MECHANICAL OPERATIONS prepared use solution may not be reused for sanitizing but may be reused for other purposes such as cleaning.
FOR MANUAL OPERATIONS Fresh sanitizing solutions must be prepared daily or more often if the solution becomes diluted or soiled.

SANITIZING FOOD CONTACT SURFACES: This product may be used in Federally Inspected Meat, Poultry, Dairy, Egg, Beverage and Sea Food processing facilities as a sanitizer. Prior to sanitizing, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse. Sanitize with concentration of 1.4– 3.3 oz AcidiShine™ dissolved in 6 gallons of water (0.2% -0.5% v/v concentration, or 106-250 ppm active peroxyacetic acid). At this dilution AcidiShine™ is effective against *Staphylococcus aureus*, *Escherichia coli*, *Salmonella enterica*, *Pseudomonas aeruginosa*, *Campylobacter jejuni* and *Listeria monocytogenes*.

Use immersion, coarse spray or circulation techniques as appropriate to the equipment. All surfaces should be exposed to sanitizing solution for a period of at least 60 seconds or more if specified by a governing code. Drain excess solution. Do not rinse.

SANITIZATION OF CONVEYORS AND EQUIPMENT FOR MEAT, POULTRY, SEAFOOD, FRUIT, NUTS AND VEGETABLES:

AcidiShine™ is effective against the gram negative and gram positive organisms *Staphylococcus aureus*, *Escherichia coli*, *Salmonella enterica*, *Pseudomonas aeruginosa*, *Campylobacter jejuni* and *Listeria monocytogenes*.

For use in the static or continuous sanitizing, washing or rinsing of conveyors, slices, saws, and equipment, apply a solution of this product using of 1.4– 3.3 oz per 6 gallons of water (0.2% -0.5% v/v concentration, or 106-250 ppm active peroxyacetic acid). Apply sanitizer solution to the return portion of the conveyor or equipment using coarse spray or similar means of wetting or soaking surfaces, so as to affect draining and prevent puddling. Allow sanitizer to thoroughly wet surface for a minimum 60 seconds contact time. No rinse is needed.

SANITIZING EATING, DRINKING AND FOOD PREP UTENSILS: Remove gross food particles by a prescrape, a preflush, and, when necessary, a presoak treatment. Wash with a recommended detergent. Rinse with clean water. Sanitize using a solution of 1.4– 3.3 oz per 6 gallons of water (0.2%-0.5% v/v concentration, or 106 -250 ppm active peroxyacetic acid). Immerse all utensils for at least 60 seconds or more if specified by a governing sanitary code. Drain excess solution.

SANITIZING NON FOOD CONTACT SURFACES

AcidiShine™ can be used in Federally Inspected Meat, Poultry, Dairy, Egg, Beverage and Sea Food processing facilities as a sanitizer. Prior to sanitizing, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse. Sanitize with concentration of 2.1 – 13.4 oz AcidiShine™ dissolved in 6 gallons of water (0.3% -1.9% v/v concentration, or 160 - 1000 ppm active peroxyacetic acid). At this dilution AcidiShine™ is effective against *Staphylococcus aureus*, *Enterobacter aerogenes*, *Escherichia coli* O157:H7, *Salmonella enterica*, *Pseudomonas aeruginosa*, *Campylobacter jejuni* and *Listeria monocytogenes*.

Use immersion, coarse spray or circulation techniques as appropriate to the equipment. All surfaces should be exposed to sanitizing solution for a period of at least 5 min or more if specified by a governing code. Drain excess solution. Do not rinse.

REVERSE OSMOSIS (RO), ULTRA FILTRATION (UF), NANO FILTRATION (NF), AND OTHER MEMBRANE CLEANING-SANITIZING: AcidiShine™ may be used in the sanitization of ultra filtration (UF), nano filtration (NF) and reverse osmosis (RO) membranes and other similar type membranes and their associated piping systems. This product may be added continuously in food, beverage, and drinking water systems for RO (reverse osmosis)

systems only and in accordance with the instructions below. This product is not for use in kidney dialysis equipment. This product may not totally eliminate all vegetative microorganisms in RO or NF or UF membranes and their associated piping systems due to their construction or assembly, but can be relied upon to reduce the number of microorganism to acceptable levels when used as directed. Prior to using this product, consult with the membrane manufacturer to confirm compatibility of membranes with this peroxyacetic acid solutions.

Batch Sanitation of NF, UF and RO Systems: Isolate incompatible equipment, such as carbon filters and ion exchangers. Clean system with an appropriate cleaner and follow with RO permeate water or potable water rinse. Remove mineral deposits if necessary with an acidic cleaner, and rinse as before. Fill entire system with water and add 2.1 – 13.4 oz AcidiShine™ dissolved in 6 gallons of water (0.3% -1.9% v/v concentration, or 160 - 1000 ppm active peroxyacetic acid™). Recirculate the sanitizing solution through the piping and membrane system with cold water for 10 minutes minimum, or up to 4 hours, depending on the severity of cleaning to be done. Open and close process valves and solenoids to be sure all parts are in contact with the solution. For occasional intermittent feed, do not exceed 100 ppm active peroxyacetic acid, which equals 1.3 oz of this product per 6 gallons of feed water. Do not use the intermittent feed method for on-line use for potable water or direct food contact systems. Rinse the system with RO permeate or potable water, until residual hydrogen peroxide concentration is below 1 ppm.

RO Continuous or Intermittent Addition: For continuous addition methods for RO system, use 2- 5 ppm active peroxyacetic acid, which equals 2.0 – 4.9 oz AcidiShine™ per 450 gallons of process water. For occasional intermittent feed, do not exceed 100 ppm active peroxyacetic acid, which equals 1.3 oz. of this product per 6 gallons of feed water. Do not use the intermittent feed method for on-line use in potable water or direct food contact systems.

DISINFECTION

NON-FOOD CONTACT HARD SURFACE DISINFECTION:

Combination Disinfection and Descaling: AcidiShine™ disinfects as it descales in one operation. AcidiShine™ can be used to disinfect floors, walls and other hard nonporous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, shelves, racks, carts, refrigerators, coolers, tile, linoleum, vinyl, and glazed porcelain. Also use AcidiShine™ in veterinary clinics, industrial facilities, office buildings, recreational facilities, retail and wholesale establishments.

AcidiShine™ is effective against *Staphylococcus aureus*, *Salmonella enterica*, *Listeria monocytogenes*, *Escherichia coli O157:H7*, *Avian Influenza virus*, Porcine epidemic diarrhea (PED) virus at 106 - 2000ppm of peroxyacetic acid (1.4 -27.2 oz per 6 gallon of water) in hard water (300 ppm CaCO₃) and 5% organic soil loading on hard nonporous surfaces. For heavily soiled areas a pre-cleaning step is required, followed by a potable water rinse. Apply solution with a mop, cloth, sponge, brush, etc. or by soaking or immersion so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, and then remove solution and entrapped soil with a clean wet mop, cloth, wet vacuum pickup, or by draining. A rinse for non-food contact surfaces is optional. Prepare a fresh solution daily or when it becomes soiled or diluted.

ASEPTIC FOOD PROCESSING OPERATIONS

AcidiShine™ may be used to achieve commercial sterility of equipment used in aseptic food processing applications.

Apply AcidiShine™ on the exterior and interior of food containers and closure systems (caps, seals, etc.). Apply up to 250 ppm of active peroxyacetic acid (0.5% v/v diluton of 3.3 oz per 6 gallons of water). Rinse containers with sterile water prior to filling with processed food; in lieu of a rinse, films may be mechanically stripped of excess sanitizing solution.

DISINFECTION OF ANIMAL AND POULTRY PREMISES, TRUCKS, COOPS, CRATES AND CALF HUTCHES:

AcidiShine™ is designed for use in animal hospitals, animal laboratories, kennels, pet shops, zoos, pet animal quarters, poultry premises, poultry hatcheries, and livestock quarters. When use as directed, AcidiShine™ is specifically designed to disinfect, deodorize, and clean inanimate, hard, surface such as walls, floors, sink tops, furniture, operating tables, kennel runs, cages and feeding equipment. In addition AcidiShine™ will deodorize those areas which are generally hard to keep smelling fresh, such as garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganism.

Disinfection of Poultry Premises: For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

Remove all poultry and feeds from premises, trucks, coops and crates, Remove all liter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks and other feedings and watering appliances. Clean all surfaces with a detergent and rinse with water. Saturate surfaces with a 0.4%-1.5% v/v (2.6 – 10.5 oz per 6 gal of water) solution of AcidiShine™ for a period of 10 minutes (for a peroxyacetic concentration of 200 - 800 ppm). Scrub treated feed racks, troughs, automatic feeders, fountains and waterers with a detergent and rinse with potable water before reuse. Ventilate building, coops and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact food, feed, or drinking water must be rinsed with potable water before reuse.

See your technical representative for specific recommendations for all cleaning and rinsing requirements.

Disinfection and Deodorizing of Animal Housing Facilities (Barns, Kennels, Hutches, Etc.):

Remove animals and feed from premises, vehicles, and enclosures. Remove liter, waste matter from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering equipment. Clean all surfaces with soap or detergent and rinse with water. Saturate surfaces by applying a 0.4%-1.5% v/v (2.6 – 10.5 oz per 6 gal of water) solution of AcidiShine™ with a mop, brush or coarse spray (for a peroxyacetic concentration of 200 - 800 ppm). Wet all surfaces and allow to remain wet for 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as fork, shovels and scrapers used for removing liter and manure. Ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

CONTROL OF SLIME FORMING BACTERIA IN RECIRCULATING AND COOLING WATER SYSTEMS (COOLING TOWERS, EVAPORATIVE CONDENSERS, PATEURIZERS AND AIR WASHERS):

Severely fouled systems should be cleaned before adding AcidiShine™ solution. AcidiShine™ should be added in the system directly and not mixed with any other chemicals or additives. Discontinue the use of chlorine or bromine products prior to using this product. Contaminations with other chemicals could result in product decomposition. Add AcidiShine™ at a point in the system where uniform mixing and even distribution will occur. For slug treatment add 22 oz of product per 1000 gallons of process water (equivalent to 10 ppm of peroxyacetic acid). Repeat as necessary until microbiological control is evident. Thereafter, to maintain control, use 4.4- 20.0 oz of AcidiShine™ per 1000 gallons of process water (2 - 9 ppm active peroxyacetic acid) as a continuous or intermittent slug treatment. Continuous dosing methods usually require 2 - 5 ppm active peroxyacetic acid (4.4 - 11.0 oz per 1000 gallon of process water) to achieve adequate control.

Air Washers: This product may be use to control bacteria and biofouling in industrial air washing/scrubbing systems. The air washer must have operational and effective mist

elimination systems. Prior to use of this product, heavily fouled systems must be pre-cleaned using the appropriate cleaner. Continuous dosing methods will require 2- 7 ppm of peroxyacetic acid (0.4 – 1.5 oz of product per 100 gallons of water) and intermittent dosing methods require 7-14 ppm of peroxyacetic acid (1.5 oz – 3.0 oz of product per 100 gallons of water).

Evaporated or Condensed Water: This product may be used to treat SWEET or COW water (e.g. condensate of whey) collected from evaporated or condensing water systems in food or dairy plants. Typically, the dosing regime would be using intermittent or continuous methods at 2-14 ppm as peroxyacetic acid (0.4 – 3.0 oz of product per 100 gallons of water).

FRUIT AND VEGETABLE WATER TREATMENT: This product may be used to help control spoilage or decay-causing bacteria and fungi in water or ice that contacts raw unprocessed fruits and vegetables outside of a food processing facility. The commodity should be continuously sprayed, using coarse spray, or submerged using solution containing 1.1 oz AcidiShine™ per 20 gallons of water for a minimum contact time of 60 seconds. Adjust dose as necessary to maintain no more than 25 ppm active peroxyacetic acid. Remove excess water or allow to drain. If using the submersion method, replace with a fresh solution as necessary, or when it becomes visibly soiled. A final potable water rinse is not necessary.

CLEANING

All surfaces must be pre-cleaned prior to fogging.

FOGGING IN FILLING, PACKAGING, PROCESSING, STORAGE, WAREHOUSE, AND WORKER WELFARE ROOMS OR AREAS: Prior to fogging remove food products and packaging materials from the room or area or carefully protect them. Fog desired areas using 1.6 – 13.1 oz per 6 gallons of water (0.23%-1.9% v/v concentration, or 120-1000 ppm active peroxyacetic acid) per 1000 cu. ft. of room area. Conventional corrosion resistant fogging devices are recommended. Vacate the area of all personnel prior to, during and after fogging until the hydrogen peroxide concentration is below 0.5 ppm, or there is no strong odor present, characteristic of acetic acid.

To determine concentration of dilution refer to DeLaval Peracetic Acid Test Kit. Concentration of this product may also be monitored by conductivity. Consult your DeLaval Cleaning Solutions representative for use and set up instructions.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage or disposal or cleaning of equipment.

STORAGE: Never return AcidiShine™ to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of a decomposition, isolate container, douse container with cool water and dilute AcidiShine™ with large volumes of water. Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 86°F.

Procedure for Leak or Spill: Stop leak if this can be done without risk. Shut off ignition sources: no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance. If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment

system in accordance with all local, state and Federal environmental laws, rules, regulations, standards, and other requirements. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal.

[product name] which is to be discarded, should be disposed of as hazardous waste after contacting the appropriate local state or Federal agency to determine proper procedures.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Sublabel B: Agricultural Uses

AcidiShine™

Hard, food-contact surface cleaner, sanitizer, and disinfectant for use in commercial and industrial settings

Active Ingredient:

Hydrogen Peroxide.....6.0%

Peracetic Acid.....5.2%

Inert Ingredients.....88.8%

Total.....100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER – PELIGRO**

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.)

[See [left] [back] [side] panel [of label] for additional precautionary statements [and first aid statements]

FIRST AID	
If in Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 – 20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor immediately for treatment advice.
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.• Call a poison control center or doctor immediately for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center 1-800-222-1222.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: CORROSIVE. Fatal if absorbed through skin. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear overalls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and gloves. Wear protective eyewear (goggles, face shield, or safety glasses). Remove contaminated clothing and wash clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT. CORROSIVE. Mix only with potable water below 140° F. Product must be diluted in accordance with label directions prior to use. AcidiShine™ is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

PERSONAL PROTECTIVE EQUIPMENT

Handlers who may be exposed to the undiluted product through mixing, loading, application, or other tasks must wear: coveralls over long-sleeved shirt and long pants, rubber gloves, chemical resistant footwear plus socks, and protective eyewear (goggles or face shield).

Handlers who may be exposed to the undiluted product through application or other tasks must wear: long-sleeved shirt and long pants, and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

[For containers greater than 5 gallons:]

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Not harmful to septic tanks.

[For containers less than or equal to 5 gallons:]

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic invertebrates.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Workers Protection Standard.

There is a restricted entry of zero (0) hours for this product.

DIRECTIONS FOR USE

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

DISINFECTION

AGRICULTURAL OR HORTICULTURAL USES: There is a Restricted-Entry-Interval of zero (0) hours after the use of this product. This product should never be mixed or combined with any other pesticide or fertilizer. Upon soil contact this product decomposes rapidly to oxygen and water. This product may be harmful to fish if exposed on a continuous basis at concentrations of 0.5 ppm or more of active peroxyacetic acid. Meter this product into pressurized pipes using a plastic or stainless steel injection/backflow device installed far enough upstream from the target equipment to ensure thorough mixing. For open flowing bodies of water, apply this product as far upstream as possible to allow adequate mixing prior to the flow entering any larger body of water. If open pouring of this product is required pour product as close to the surface of the water as possible to reduce odor exposure.

Treatment of Irrigation Water Systems (Sand filters, humidification systems, storage tanks, ponds, reservoirs, canals): For the control of odor, sulfides, slime and algae in water systems, apply this product at 2.2 oz. per 100 gallons of water (10 ppm peroxyacetic acid). Repeat dose as necessary to maintain control, which will vary with seasonal conditions. For prevention of algae some systems may require continuous low level dosing during warm sunny periods.

Drip Irrigation System Cleaning: To clean slime and algae from drip system tapes and emitters, meter this product upstream from pumps or filters at the rate of 1.1 – 2.2 oz per 50 gallons of water (10-20 ppm peroxyacetic acid). When required, during normal irrigation cycles, use this product at the recommendation dose for a minimum of 30 minutes. Thereafter, the irrigation cycle should be discontinued and the line should not be flushed.

Commercial Greenhouses: This product can be used to suppress/control algae and slime formations in and around greenhouse structures, including ventilation/cooling and watering systems, coolers, storage rooms, walkways, floor/mats and on other inanimate surfaces.

For normal use in various processes, irrigation or sprinkler watering systems, this product may be used at 1:12,800 to 1:1,700 dilutions (4 - 30 ppm as peroxyacetic acid). Heavily fouled systems, such as evaporative coolers or irrigation/drip lines may need shock doses of up to 100 ppm as peroxyacetic acid (1:520 dilution).

NOTE: This product is highly acidic. Do not use with or around chlorinated products. This product at its use dilution is compatible with stainless steel surfaces. If product is intended to

be used on any other surface, it is recommended that you apply product to a smaller test area to determine before proceeding with its use.

To determine concentration of dilution refer to DeLaval Peracetic Acid Test Kit. Concentration of this product may also be monitored by conductivity. Consult your DeLaval Cleaning Solutions representative for use and set up instructions.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage or disposal or cleaning of equipment.

STORAGE: Never return AcidiShine™ to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of a decomposition, isolate container, douse container with cool water and dilute AcidiShine™ with large volumes of water. Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 86°F.

Procedure for Leak or Spill: Stop leak if this can be done without risk. Shut off ignition sources: no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance. If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with all local, state and Federal environmental laws, rules, regulations, standards, and other requirements. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal.

[product name] which is to be discarded, should be disposed of as hazardous waste after contacting the appropriate local state or Federal agency to determine proper procedures.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.