SPECIMEN LABEL

CALIFORNIA • EPA REGISTRATION NO. 70299-31

ACTIVE INGREDIENTS:
Hydrogen Peroxide .................................................. 23.0%
Peroxyacetic Acid .................................................... 28.0%

OTHER INGREDIENTS: .................................................. 49.0%
TOTAL: ........................................................................... 100.0%

STRONG OXIDIZING AGENT
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 this label, find someone to explain it to you in detail.)

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 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 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 the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: POISON. CORROSIVE. Causes irreversible eye damage and skin burns. Fatal if inhaled. May be fatal if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. When exposed to vapors or spray mist wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination N, R or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved power air-purifying respirator with OV cartridges and combination HE filters. Wear chemical resistant goggles, chemical resistant gloves and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS
Corrosive. Strong oxidizing agent. Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Handlers who may be exposed to the undiluted product through mixing, loading, application, or other tasks must wear: coveralls over long-sleeved shirt and pants, socks and chemical resistant footwear. Wear protective eyewear (chemical resistant goggles, face shield, or safety glasses), chemical resistant gloves and respiratory protection. When mixing, loading or cleaning equipment wear a chemical resistant apron. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for “applicators and other handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS
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
This pesticide is toxic to birds and fish. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

This product is highly toxic to bees and other pollinating insects exposed to direct contact on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees or other pollinating insects are actively visiting the treatment area. Do not apply this product or allow it to drift to crops where beneficials are part of an Integrated Pest Management strategy.

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
saniDate HC can be chemigated up to and including the day of harvest. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any irrigation system unless the chemigation instructions on this label are followed. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the State or Tribal agency responsible for pesticide regulation.

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 apply to the uses of this product that are covered by the Worker Protection Standard.

For enclosed environments:
There is a Restricted Entry Interval (REI) of one (1) hour for this product when applied via spraying to surfaces, equipment, structures and non-porous surfaces in enclosed glasshouses and greenhouses. PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is coversalls worn over long-sleeved shirt and pants, waterproof gloves and shoes plus socks.

There is a Restricted Entry Interval (REI) of zero (0) hours for pre-plant dip, seed treatment, soil drench, mop, sponge, dip, soak, rinse or other non-spraying application methods when used in enclosed environments such as glasshouses and greenhouses.

For field applications:
There is a Restricted Entry Interval (REI) of zero (0) hours for pre-plant dip, seed treatment, soil drench or other non-spraying application methods. Keep unprotected persons out of treated areas until sprays have dried.

Exception:
If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

AGRICULTURAL APPLICATIONS

Preharvest Interval (PHI) = Zero (0) Days:
SaniDate HC can be chemigated up to and including the day of harvest.

Compatibility:
SaniDate HC is compatible as a separate direct injection with many pesticides, fertilizers, and adjuvants but has not been fully evaluated with all of these. To ensure compatibility with pesticides or fertilizers consult your BioSafe Systems technical representative. Consult your BioSafe Systems technical representative for specific instructions before chemigation of SaniDate HC with copper or other pesticides containing metals.

To ensure compatibility, evaluate them prior to use as follows: Using a suitable container, add proportional amounts of product to water. Add wettable powders first, followed by water dispersible granules, then by liquid flowables and lastly, emulsifiable concentrates. Mix thoroughly and let stand for at least five minutes. If the combination stays mixed or can be remixed, it is physically compatible. Test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application.

Plant Sensitivity Testing:
For foliar chemigation applications, only use SaniDate HC at labeled dilution rates. This product has been tested for phytotoxicity and is safe to use on a variety of crops; however, it is not possible to test all crop varieties grown under all growing conditions or all growth stages with this product to ensure no phytotoxic effects to the target crop throughout its life cycle.

Periods of intense plant stress may increase phytotoxic sensitivity to pesticide applications. It is recommended to determine if SaniDate HC can be used safely and non-injurious to target crop under your usage conditions prior to application by conducting a phytotoxicity test. Before treating several acres of plants, test SaniDate HC by itself or in combination with other pesticides or fertilizers at labeled rates for chemigation on a small number of plants and observe for symptoms of plant sensitivity such as spotting/yellowing on the foliage prior to use. Do not use at higher concentration than suggested dilution rates as leaf burn may result.

SaniDate HC will oxidize parasitic organisms living in plant tissue that are not always visible to the naked eye. When using SaniDate HC for control of organisms living on the plant tissue, such as Powdery Mildew, treatment may result in lesions on plant tissue. Resulting oxidative effects may include spotting or drying of the plant tissue where organisms inhabited tissue.

Read the entire label before using this product. Use this product only according to label directions. Contact BioSafe Systems with any questions or concerns regarding product applications on your crop.

TREATMENT OF AGRICULTURAL IRRIGATION WATER AND DRAINAGE DITCHES

Use SaniDate HC at the following rates to suppress/control bacteria in irrigation water and drainage ditches. Allow solution to disperse for 5 minutes before using the water.

- Bacteria: 1:64,000-1:2,500 dilution (2.0-51.0 fl. oz. per 1,000 gallons of water; equivalent to approximately 5-133 ppm of peroxyacetic acid).

TREATMENT OF AGRICULTURAL IRRIGATION WATER USED FOR FRUIT, VEGETABLE AND ROW CROPS

Use SaniDate HC to treat irrigation water during all phases of crop production including pre-plant irrigation and throughout the crop cycle to suppress/control bacteria in irrigation water used for fruit, vegetable and row crop production. SaniDate HC can be used up to and including the day of harvest.

- Bacteria: 1:64,000-1:2,500 dilution (2.0-51.0 fl. oz. per 1,000 gallons of water; equivalent to approximately 5-133 ppm of peroxyacetic acid).

Apply this product as a direct injection into the water at the point of intake and applied through a sprinkler system (including solid set, center pivot, lateral move, end tow, side wheel roll, traveling big gun or hand move), drip/micro irrigation system, flood (basin), or furrow. For best results, treat water every time crop is irrigated or at a minimum during the last 2-3 irrigations prior to harvest.

TREATMENT OF WATER DRAWN FROM OPEN AND CLOSED WATER SOURCES USED FOR DUST ABATEMENT

Use SaniDate HC at the following rates to suppress/control bacteria in water drawn from open and closed water sources such as wells, streams, ponds, reservoirs, irrigation canals, irrigation water and drainage ditches used to control dust on unpaved gravel and dirt roads.

- Use a SaniDate HC at a 1:64,000-1:2,500 dilution (2.0-51.0 fl. oz. per 1,000 gallons of water; equivalent to approximately 5-133 ppm of peroxyacetic acid).
Prepare the mixture at least 5 minutes prior to application for dust abate-
ment. Apply to the road surface using a water truck or tractor equipped
with a watering system.

CHEMIGATION

General Requirements -

1. Apply this product only through drip, sprinkler, micro sprinklers, flood
or furrow irrigation systems.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the
crop can result from non-uniform distribution of treated water.
3. If you have questions about calibration, you should contact State
Extension Service specialists, equipment manufacturers or other experts.
4. Do not connect an irrigation system (including greenhouse systems) used
for pesticide application to a public water system unless the pesticide
label-prescribed safety devices for public water systems are in place.

Specific Requirements for Sprinkler Chemigation –

1. The system must contain a functional check valve, vacuum relief valve
and low-pressure drain appropriately located on the irrigation pipeline
to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic,
quick-closing check valve to prevent the flow of fluid back toward the
injection pump.
3. The pesticide injection pipeline must also contain a functional,
normally closed, solenoid-operated valve located on the intake side of
the injection pump and connected to the system interlock to prevent
fluid from being withdrawn from the supply tank when the irrigation
system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically
shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure
switch which will stop the water pump motor when the water pressure
decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement
injection pump (e.g., diaphragm pump) effectively designed and
constructed of materials that are compatible with pesticides and
capable of being filled with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended
for treatment.

Specific Requirements for Flood Chemigation –

1. Systems using a gravity flow pesticide dispensing system must meter
the pesticide into the water at the head of the field and downstream of
a hydraulic discontinuity such as a drop structure or weir box to decrease
potential for water source contamination from backflow if water flow stops.
2. The systems utilizing a pressurized water and pesticide injection
system must meet the following requirements:
   a. The system must contain a functional check valve, vacuum relief
      valve and low-pressure drain appropriately located on the irrigation
      pipeline to prevent water source contamination from backflow.
   b. The pesticide injection pipeline must contain a functional,
      automatic, quick-closing check valve to prevent the flow of fluid
      back toward the injection pump.
   c. The pesticide injection pipeline must also contain a functional,
      normally closed, solenoid-operated valve located on the intake side
      of the injection pump and connected to the system interlock to
      prevent fluid from being withdrawn from the supply tank when
      the irrigation system is either automatically or manually shut down.
   d. The system must contain functional interlocking controls to automatically
      shut off the pesticide injection pump when the water pump motor stops.
   e. The irrigation line or water pump must include a functional pressure
      switch which will stop the water pump motor when the water pressure
      decreases to the point where pesticide distribution is adversely affected.
   f. Systems must use a metering pump, such as a positive displacement
      injection pump (e.g., diaphragm pump) effectively designed and
      constructed of materials that are compatible with pesticides and
capable of being filled with a system interlock.

Specific Requirements for Drip (Trickle) Chemigation –

1. The system must contain a functional check valve, vacuum relief valve
and low-pressure drain appropriately located on the irrigation pipeline
to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic,
quick-closing check valve to prevent the flow of fluid back toward the
injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.

Application Instructions –

1. Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injection system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.

2. Follow the application rates and frequency as indicated in the directions for use section of the label.

3. SaniDate HC can be direct injected from the original container. Use only compatible injection equipment and materials when injecting SaniDate HC into the irrigation system.

4. SaniDate HC can be direct injected through a separate injection port in conjunction with other pesticides or fertilizers. Once properly diluted, SaniDate HC will not interact with other commonly used pesticides or fertilizers at recommended rates. For injection of SaniDate HC in conjunction with metal-based fungicides, biological based pesticides or organic fertilizers consult your BioSafe Systems technical representative for specific instructions.

5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pump motor stops.

6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold BIOSAFE SYSTEMS LLC and Seller harmless for any claims relating to such factors, to the extent consistent with applicable law. BIOSAFE SYSTEMS LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS LLC, and Buyer and User assume the risk of any such use TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS LLC MAKES NO WARRANTIES OF MERCHANTABILITY FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall BIOSAFE SYSTEMS LLC or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BIOSAFE SYSTEMS LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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