**FIRST AID**

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>If in eyes</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>If on skin or clothing</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>If Inhaled</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>If swallowed</strong></td>
<td>Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center. Do not give anything by mouth to an unconscious person.</td>
</tr>
</tbody>
</table>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**FOR COMMERCIAL USE ONLY**

**ACTIVE INGREDIENTS:**
- Hydrogen Peroxide .................................................. 18.5%
- Peroxyacetic Acid ..................................................... 12.0%

**OTHER INGREDIENTS:** ........................................... 69.5%

**TOTAL:** .................................................................... 100.0%
**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through skin. Harmful if swallowed. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield, and rubber gloves when handling. Do not enter an enclosed area without proper respiratory protection. 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. When spraying or fogging, wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and National Institute for Occupational Safety and Health.

**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.

**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 sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIONS FOR USE**

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

- For use in commercial, agricultural, and horticultural irrigation water treatment applications
- For the treatment of water for industrial and commercial water treatment systems
- For the treatment of fruit, nut and vegetable processing waters
- For use in food processing operations

The main areas of use include:

- Fruit and vegetable processing facilities
- Commercial, industrial, agricultural and horticultural facilities
- Agricultural field irrigation water and systems

SaniDate® 12.0 works best when diluted with water containing low levels of organic or inorganic materials. Thoroughly rinse out tank with water before mixing concentrate. SaniDate 12.0 will readily mix with clean water and does not require agitation.

SaniDate 12.0 is effective on the use sites listed which are manufactured from the following materials: linoleum, formica, vinyl, glazed porcelain, plastic, sealed fiberglass, polyethylene, CPVC, PVC, aluminum, steel, stainless steel, sealed wood, glazed tile, and glass.

**CONTROL OF SPOILAGE AND DECAY CAUSING ORGANISMS IN PROCESS WATERS**

SaniDate 12.0 can be used in water or ice that contacts raw or fresh, post-harvest, or further processed fruits and vegetables for the control of spoilage and decay causing non-public health organisms.

**TREATMENT OF FRUIT AND VEGETABLE PROCESSING WATERS**

Use SaniDate 12.0 for the treatment of waters used in the processing of raw fruits, nuts and vegetables, sprouts and seeds. Mix SaniDate 12.0 with water, either batch-wise or continuously at a rate of 25.6 to 107.0 fl. oz. of SaniDate 12.0 solution to 1,000 gallons water. This will provide 200 to 833 ppm of SaniDate 12.0, or 24 to 100 ppm 100% peroxyacetic acid in the use solution. The fruits and vegetables can be sprayed or submerged in the resulting solution for a minimum contact time of 45 seconds, followed by adequate draining. At this use dilution, SaniDate 12.0 will control the growth of spoilage and decay causing organisms in process waters and on the surface of fresh cut or post harvest fruits and vegetables. Do not rinse.

**TREATMENT OF PROCESSED FRUIT AND VEGETABLE SURFACES TO CONTROL GROWTH OF NON-PUBLIC HEALTH MICROORGANISMS THAT CAN CAUSE SPOILAGE**

Add SaniDate 12.0 at a dilution rate of 4.0 fl. oz. per 100 gallons of water. Ensure that the solution is thoroughly mixed. This provides 59 ppm of hydrogen peroxide and 38 ppm of peroxyacetic acid. Apply the solution as a spray or dip. Allow a minimum contact time of 45 seconds. This use complies with the requirements of 21 CFR 173.315 (a) (5). A potable water rinse is not required following application of the diluted solution.

**POST HARVEST APPLICATIONS**

SaniDate 12.0 may also be used to control the growth of spoilage and decay causing bacterial and fungal diseases on fruits and vegetables in post harvest storage. Mix SaniDate 12.0 with water either batch-wise or continuously at a rate of 25.6 to 107.0 fl. oz. of SaniDate 12.0 solution to 1,000 gallons water. This will provide 200 to 833 ppm of SaniDate 12.0, or 24 to 100 ppm 100% peroxyacetic acid in the use solution. For post harvest applications, fruits and vegetables can be sprayed or submerged in the resulting solution for a minimum contact time of 45 seconds, followed by adequate draining. Do not rinse.

**Note: May cause bleaching of treated surfaces, test commodity if unsure.**

**ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING**

**FOGGING OF FRUITS AND VEGETABLES IN STORAGE (Not Approved For Use In California)**

Use SaniDate 12.0 to prevent bacterial and fungal diseases on post-harvest fruits and vegetables. Commercially-applied fogging methods may be used provided the dilution rates of the resultant solution does not exceed those prescribed in this section (24 to 100 ppm 100% peroxyacetic acid in the use solution). Conventional corrosion-resistant fogging devices are recommended. Applicable for use on all types of post-harvest commodities.
1. Vacate the area of all personnel prior to fogging.
2. Turn off all ignition sources such as pilot lights (shut off gas valve), other flames or electrical appliances that cycle on and off (i.e., refrigerators, thermostats, etc.). Call your gas utility or management company if you need assistance. Shut off all fans and air conditioners.
3. To start fogging: Inject SaniDate 12.0 at a rate of 0.023-0.1 fl. oz. per gallon of clean water using a proper dosing pump. This is equivalent to a dilution rate of 1:5,500 - 1:1,320 and will provide 24-100 ppm 100% peroxyacetic acid in the use solution for fogging application. Allow a minimum contact time of 20 seconds with the fog. Do not rinse.
4. Exit the area or space immediately and remain outside the treated area or space until the area or space is thoroughly ventilated and until fog or mist has dispersed. Do not reenter the area until hydrogen peroxide is measured below 1.0 ppm. Reentry times may vary.

ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING

FOGGING FOR REGULAR CLEANING OF FOOD STORAGE AREAS (Not Approved For Use In California)

This product may be used for fogging (wet misting) to prevent/control the growth of non-public health organisms that cause spoilage and/or decay following cleaning procedures in hard room surfaces using any type of fogging equipment such as thermofoggers and cold foggers.

1. Prior to fogging, remove or cover any food or packaging material with waterproof coverings. Thoroughly clean all surfaces. Remove gross soil particles from surfaces to be treated.
2. Cover any metal equipment or controls inside the storages that might be sensitive to hydrogen peroxide and/or peroxyacetic acid.
3. Ensure proper ventilation in the room.
4. Vacate all personnel from the room prior to fogging.
5. Fog areas using 1-2 quarts per 1,000 cu. ft. of storage area with 0.15%-0.30% v/v (1:660-1:330; 0.19-0.39 fl. oz. of SaniDate 12.0 per gallon of water) solution of SaniDate 12.0. Use high rate if surfaces are not pre-cleaned.
6. After fogging, do not allow personnel to enter into treated area until all fog has dissipated and there are no strong odors, characteristic of acetic acid.

ANTIMICROBIAL RINSE OF PRECLEANED OR NEW RETURNABLE OR NON-RETURNABLE CONTAINERS

To reduce the numbers of non-pathogenic beverage spoilage microorganisms, use a dilution of 1:100 of SaniDate 12.0. This provides 1,200 ppm peroxyacetic acid. After applying antimicrobial rinse, allow containers to drain thoroughly, then rinse with sterile or potable water.

CONTROL OF ALGAL, FUNGAL, ODOR CAUSING AND SLIME-FORMING BACTERIAL GROWTH IN INDUSTRIAL WATER

INDUSTRIAL WASTE TREATMENT - Use SaniDate 12.0 to control slime-forming and odor-causing bacterial growth in industrial wastewater treatment and sewage systems. SaniDate 12.0 may be applied to water at the inlet of the process water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons SaniDate 12.0 per 1,000 gallons of water producing a peak concentration of SaniDate 12.0 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peroxyacetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons SaniDate 12.0 to 1,000 gallons of water, producing a peak concentration of 10 to 300 ppm of SaniDate 12.0. This is approximately equivalent to 1 to 36 ppm 100% peroxyacetic acid. Do not discharge treated effluent without notifying local sewage treatment plant authorities.

FOR MICROBIAL CONTROL IN EFFLUENT TREATMENT SYSTEMS - Use SaniDate 12.0 to control slime-forming and odor-causing bacterial growth in sewage and wastewater effluent associated with public and private wastewater treatment plants. SaniDate 12.0 can be applied by itself directly to the effluent, or in conjunction with an appropriate activator, such as UV light. Apply SaniDate 12.0 directly to effluent water discharged from primary, secondary, or tertiary treatments and to effluent water discharged from trickle bed or percolating fluidized bed filters. Apply 4 to 83 gallons of SaniDate 12.0 per 1,000,000 gallons of wastewater (0.5 to 10 ppm of peroxyacetic acid). Allow a contact time of 15-60 minutes. NOTE: the dosing rate for individual facilities will depend on the nature of effluent (level of microbial control) and the local microbial discharge limit. Therefore, adjust the dosing rates to the levels appropriate for your facility. Do not exceed the maximum dose limit of 83 gallons of SaniDate 12.0 per 1,000,000 gallons of waste water (or 10 ppm of peroxyacetic acid). The peroxyacetic acid concentration will rapidly decline after treatment. The maximum amount of peroxyacetic acid that can be discharged from the treatment facility is 1.0 ppm peroxyacetic acid. Use an appropriate peroxyacetic acid test kit or analyzer as recommended by BioSafe Systems to ensure this level is not exceeded. Contact your BioSafe Systems technical representative for guidance on treatment regimes.

CONTROL OF ALGAL, FUNGAL, AND SLIME-FORMING BACTERIAL GROWTH IN INDOOR, CLOSED LOOP, NON-POTABLE, NON-FOOD CONTACT WATER SYSTEMS

TREATMENT OF RAW AND PROCESS WATER - (heat exchanger system water, boiler water, wet scrubber water) - SaniDate 12.0 may be applied to water at the inlet of the water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons SaniDate 12.0 per 1,000 gallons of water producing a peak concentration of SaniDate 12.0 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peroxyacetic acid. For continuous dosing applications, apply 1.3 to 38.4 fl. oz. SaniDate 12.0 to 1,000 gallons of water, producing a peak concentration of 10 to 300 ppm of SaniDate 12.0. This is approximately equivalent to 1 to 35 ppm 100% peroxyacetic acid.

TREATMENT OF COOLING WATER SYSTEMS (cooling towers, evaporative condensers) - Severely fouled systems should be cleaned before treatment. Discontinue use of chlorine or bromine products prior to using this product. SaniDate 12.0 should be added to the system directly and not mixed with other chemicals or additives prior to dosing. Other chemicals should be added separately. Check compatibility of SaniDate 12.0 with any other chemicals or additives prior to dosing. Other chemicals should be added separately. Contamination with certain chemicals could result in lack of efficacy. Add SaniDate 12.0 at a point in the system where uniform mixing and even distribution will occur such as the cooling tower basin sump. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses are applied for 5 to 60 minutes 1 to 100 times per day. For either shock, intermittent or continuous dosing, apply 1.3 to 9.0 fl. oz. of SaniDate 12.0 solution per 1,000 gallons of water. This will provide 10 to 70 ppm of SaniDate12.0, or 1 to 9 ppm of 100% peroxyacetic acid. Repeat treatment as required to maintain control.
AIR WASHERS - This product maybe used 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 and intermittent dosing methods will require 7-14 ppm of peroxyacetic acid depending on the type of systems and the level of microbiological control desired.

CONTROL OF ALGAL, FUNGAL AND SLIME-FORMING BACTERIAL GROWTH ON NON FOOD CONTACT GREENHOUSE WATERING SYSTEMS

TREATMENT OF GREENHOUSE SURFACES AND EQUIPMENT - (such as glazing, plastic, pots, flats, trays, cutting tools, benches, work areas, walkways, floors, walls, fan blades, watering systems, coolers, storage rooms, structures and equipment) – clean surfaces before treatment. Sweep and remove all plant debris, and use power sprayer to wash all surfaces to remove loose dirt. Use a dilution of 1:600 of SaniDate 12.0 for all non-porous surfaces that have been pre-cleaned with water. Apply solution with mop, sponge, power sprayer or fogger to thoroughly wet all surfaces. Cutting tools may be soaked to ensure complete coverage. Allow surfaces to stay wet with solution for a minimum of five (5) minutes. Heavy growths of algae and fungi may have to be scrubbed off following application. Repeat treatment as required to maintain control.

ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING

FOGGING FOR REGULAR CLEANING OF GREENHOUSE SURFACES AND VEGETABLE CROPS
(Not Approved For Use In California)
This product may be used for fogging (wet misting) to prevent/control algal, fungal, and slime-forming bacterial growth following cleaning procedures in hard room surfaces using any type of fogging equipment such as thermofoggers and cold foggers.

1. Prior to fogging, thoroughly clean all surfaces. Remove gross soil particles from surfaces to be treated.
2. Cover any metal equipment or controls inside the storages that might be sensitive to hydrogen peroxide and/or peroxyacetic acid.
3. Ensure proper ventilation in the room.
4. Vacate all personnel from the room prior to fogging.
5. Fog areas using 1-2 quarts per 1,000 cu. ft. of storage area with 0.15%-0.30% v/v (1:660-1:330; 0.19-0.39 fl. oz. of SaniDate 12.0 per gallon of water) solution of SaniDate 12.0. Use high rate if surfaces are not pre-cleaned.
6. After fogging, do not allow personnel to enter into treated area until all fog has dissipated and there are no strong odors, characteristic of acetic acid.

TREATMENT OF GREENHOUSE EVAPORATIVE COOLERS - Treat contaminated surfaces with a dilution of 1:600 of SaniDate® 12.0. Allow surfaces to stay wet with solution for a minimum of five (5) minutes.

Foaming Applications: Use SaniDate 12.0 as a foam treatment to enhance contact on hard, non-porous surfaces, vertical surfaces and irregular surfaces such as metal grating and structural steel where contact is difficult to maintain with coarse spray treatments. Apply SaniDate 12.0 at a rate of 1:120 – 1:300. Add a foaming agent to the spray tank that contains the diluted solution. Apply foam until the surface treated is completely covered. Turn off coolers for 20 minutes to allow foam to work. Allow foam-treated surfaces to air dry. Do not rinse.

TREATMENT OF GREENHOUSE EVAPORATIVE COOLER WATER
For maintenance, treat cooler water once a week with a dilution of 1:2,000-1:5,000 of SaniDate 12.0; 0.26-0.64 fl. oz. for 10 gallons of cooling water.

TREATMENT OF GREENHOUSE IRRIGATION SYSTEMS AND NON-PORTABLE WATERS
Use SaniDate 12.0 control algae, slime-forming bacteria, fungi and plant pathogenic organisms in greenhouse irrigation systems and water.

TREATMENT OF GREENHOUSE IRRIGATION SYSTEMS
For shock treatment of irrigation systems (flooded floors, flooded benches, recycled water systems, drip trickle, capillary mats, sprinkler systems, humidification and misting systems) use a dilution rate of 1:600-1:1,000. Allow solution to remain in lines for 12-48 hours. Flush by opening flush valves or laterals to avoid clogging emitters.

TREATMENT OF GREENHOUSE IRRIGATION WATER
For treatment of irrigation water as a continuous injection, use a dilution rate of 1:40,000-1:5,000 (3.2-25.6 fl. oz. of SaniDate 12.0 per 1000 gallons of water; equivalent to 3.3-26.0 ppm of peroxyacetic acid). Conduct a water analysis prior to treatment to determine type and level of algae and/or microbial contamination and the proper rate of product to use.

CONTROL OF ALGAL, FUNGAL, AND SLIME-FORMING BACTERIAL GROWTH IN AGRICULTURAL IRRIGATION SYSTEMS AND WATER
Use SaniDate 12.0 to control algae, slime-forming bacteria, fungi and plant pathogenic organisms in agricultural irrigation systems and water.

TREATMENT OF AGRICULTURAL IRRIGATION SYSTEMS
To clean contaminated irrigation systems, including sprinkler (solid set, center pivot, lateral move, end tow, side wheel roll, traveling big gun or hand move) and drip/micro irrigation system, fill irrigation lines with a SaniDate 12.0 solution using a dilution of 1:600 -1:5,000 and allow a contact time of 6-12 hours or overnight if possible. Open ends of irrigation lines and flush with irrigation water. Repeat the treatment as necessary. Refer to Chemigation Directions for Use for specific instructions on using this product through irrigation systems.

TREATMENT OF AGRICULTURAL IRRIGATION WATER USED FOR FRUIT AND VEGETABLE CROPS
Use SaniDate 12.0 to treat irrigation water during all phase of crop production including pre-plant irrigation and throughout the crop cycle to suppress/control fungi, algae, bacteria, and fungi like organisms (such as water molds) in irrigation water used for fruit and vegetable crop production. SaniDate 12.0 can be used up to and including the day of harvest.

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, continuous injection into the water is recommended every time crop is irrigated or at a minimum, in the last 2-3 irrigations prior to harvest.

For treatment of irrigation water as a continuous injection, use a dilution rate of 1:40,000-1:5,000 (3.2-25.6 fl. oz. of SaniDate 12.0 per 1000 gallons of water; equivalent to 3.3-26.0 ppm of peroxyacetic acid). Conduct a water analysis prior to treatment to determine type and level of algae and/or microbial contamination and the proper rate of product to use.

IRRIGATION CONVEYANCE SYSTEMS AND OTHER MOVING WATER (Not Approved for Use in California)
Use SaniDate 12.0 to suppress/control algae in flowing water systems. Apply SaniDate 12.0 at first signs of algae as needed to control and prevent algae growth.
growth. Apply more often in times of higher water temperatures. Distance of control down the waterway will vary depending upon density of growth and water flow rates (C.F.S.). Inject SaniDate 12.0 for a minimum of 4 hours. Treatments of longer duration or more frequent intervals along the channel may be necessary.

Prior to treatment it is important to accurately determine water flow rates. In the absence of weirs, orifices, or similar devices, which give accurate water flow measurements, volume of flow may be estimated by the following formula:

\[
\text{Average Width (feet)} \times \text{Average Depth (feet)} \times \text{Velocity* (feet/second)} \times 0.9 = \text{Cubic Feet per Second (C.F.S.)}
\]

* Velocity is the time it takes for a floating object to travel a given distance. Dividing the distance traveled (feet) by the time (seconds) will yield velocity (feet/second). This measurement should be repeated at least three times at the intended application site and then averaged.

After accurately determining the water flow rate in C.F.S., find the corresponding application rate of SaniDate 12.0 in the chart below.

<table>
<thead>
<tr>
<th>Algae Growth/Density</th>
<th>Application Rate per C.F.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Density</td>
<td>0.024 fl. oz.</td>
</tr>
<tr>
<td>Moderate Density</td>
<td>0.048 fl. oz.</td>
</tr>
<tr>
<td>High Density</td>
<td>0.096 fl. oz.</td>
</tr>
<tr>
<td>Extreme Density</td>
<td>0.190 fl. oz.</td>
</tr>
</tbody>
</table>

**TREATMENT OF PLANT PATHOGENS AND ASSOCIATED DISEASES (Not approved for use in California)**

**CHEMIGATION FOR CONTROLLING FOLIAR PLANT PATHOGENS**

Use SaniDate 12.0 to suppress and control foliar plant pathogens and their associated diseases such as – Alternaria – Anthracnose – Aphanomyces – Black Spot – Botrytis (grey mold) – Downy Mildew – Erwinia, Fusarium (root rot) – Leaf Spot – Phytophthora (blights) – Plasmopara – Powdery Mildew – Pseudomonas – Pythium – Rhizoctonia – Rust – Scab – Smut – Thielaviopsis –Uncinula (powdery mildew) – Xanthomonas – Wilts & Blights. Use SaniDate 12.0 at a rate of 1:1,000-1:5,000 through the irrigation system at the time of seeding or transplanting, as well as a periodic treatment throughout the plant’s life. Multiple applications can be made, as there is no mutational resistance with this product.

**Specific Requirements for Chemigation Systems Connected to Public Water Systems**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
Specific Requirements for Flood Chemigation -

1. The pesticide injection pipeline must 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.

2. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

3. 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.

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

5. 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.

6. Do not apply when wind speed favors drift beyond the area intended for treatment.

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 injector 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. Determine the treatment rates as indicated in the directions for use and make proper dilutions.

3. Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. The product will immediately go into suspension without any required agitation.

4. Do not apply SaniDate 12.0 in conjunction with any other pesticides or fertilizers; this has the potential to cause reduced performance of the product. Avoid application in this manner.
STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original containers in a cool, well-ventilated area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Handling (Containers greater than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Offer for recycling if available.

WARRANTY

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 should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness 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 and Seller harmless for any claims relating to such factors.

BIOSAFE SYSTEMS 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. 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, and Buyer and User assume the risk of any such use. BIOSAFE SYSTEMS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall BIOSAFE SYSTEMS or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS 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 OR SELLER, THE REPLACEMENT OF THE PRODUCT.

BIOSAFE SYSTEMS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS.