



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 20, 2024

Jack Peterson
Arizona Department of Agriculture
1802 W. Jackson St., #78,
Phoenix AZ 85007
Electronic Transmittal: jpeterson@azda.gov

Subject: FIFRA 24(c) Registration – EPA SLN Acknowledgment Letter
SLN Registration Number: AZ-231005
Action Case Number: 00498941

Dear Jack Peterson:

This letter acknowledges receipt of the above Special Local Need (SLN) registration pursuant to Section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. This SLN registration permits use of hydrogen peroxide and peroxyacetic acid on irrigation water treatment for all crops to control *Escherichia coli* and *Salmonella enterica*. The state is requested temporary allowances be approved for use of 70299-18 in irrigation water for all crops to control *Escherichia coli* and *Salmonella enterica*; as there are no registered products for the listed active ingredients at this rate for these pathogens in irrigation water, there is thus a stated need for this SLN registration.

SLN Reg. No.: AZ-231005
SLN Registration Date: 5/20/2024
SLN Expiration Date: 12/31/2028
SLN Registrant Name & Address: BioSafe Systems, LLC; 22 Meadow St., East Hartford, CT 06108
Parent EPA Reg. No.: 70299-18
Product Name: SaniDate 12.0
Active Ingredient(s): hydrogen peroxide and peroxyacetic acid
Site: irrigation water treatment for all crops
Pest: *Escherichia coli* and *Salmonella enterica*

The Agency has completed a review of this use and acknowledges the State's special local need registration. Please inform the registrant that we have placed a copy of the SLN label in our


Page 2 of 2

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files. If you have any questions, please contact Steven Snyderman by phone at (202) 564-0910 or via email at snyderman.steven@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Steven Snyderman". The signature is written in a cursive style with a horizontal line underneath the name.

Steven Snyderman, Product Manager 33
Regulatory Management Branch II
Antimicrobials Division (7510M)
Office of Pesticide Programs

CC: EPA Region 9 EPA Tribal Coordinator Contact: Ruben Mojica Hernandez, mojica-hernandez.ruben@epa.gov

FIFRA SECTION 24(c) SPECIAL LOCAL NEED (SLN) LABEL

FOR USE AND DISTRIBUTION ONLY IN THE STATE OF ARIZONA

This label is valid until December 31, 2028 or until otherwise amended, withdrawn, or cancelled.



EPA REG. NO. 70299-18 | SLN NO. AZ-231005

DIRECTIONS FOR USE

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- All applicable directions, restrictions and precautions on the EPA registered label are to be followed.
- This labeling must be in the possession of the user at the time of pesticide application.

Crop/site: All crop groups for Irrigation Water Treatment

Target/pest/problem: For the reduction and control of foodborne pathogens in preharvest agriculture water. Shiga Toxin producing *Escherichia coli*, including O157:H7 and *Salmonella enterica*.

Dosage: Use SaniDate 12.0 at 5.8-9.7 fl. oz. per 1,000 gallons of water.

Dilution or application rate: Use SaniDate 12.0 at a minimum dilution rate of 1:22,069 up to 1:13,196.

Method of application: This product can be applied through sprinkler or drip irrigation systems, including flood irrigation systems.

Frequency/timing of application: SaniDate 12.0 can be used during all phases of crop production including pre-plant irrigation and throughout the crop cycle.

Field re-entry safety interval: Keep unprotected persons out of the treated areas until sprays have dried.

Preharvest interval: Preharvest Interval (PHI) = 0 days.

Other requirements: Use SaniDate 12.0 at a minimum dilution rate of 1:22,069 up to 1:13,196 (5.8-9.7 fl. oz. per 1,000 gallons of water; equivalent to approximately 6-10 ppm of peroxyacetic acid post injection). Residual ppm should be confirmed throughout the distribution system during treatment. Do not irrigate with untreated irrigation water after treatment.

The required dosages may vary depending on application conditions and the degree of contamination present. It is recommended to use current AOAC and/or Standard Methods (<https://www.epa.gov/dwanalyticalmethods>) for confirmation of residual PAA in water post treatment (eg. test strip, titration, or other method.) **Contact your BioSafe Systems Technical Representative for additional support.**



24(c) Registrant:

BioSafe Systems, LLC | 22 Meadow Street East Hartford, CT 06108 | www.BioSafeSystems.com | 1-888-273-3088
SaniDate® 12.0 is a registered trademark of BioSafe Systems.