

# Final-San-O

NON-SELECTIVE GRASS AND BROADLEAF HERBICIDE

 FOR ORGANIC PRODUCTION

<b>ACTIVE INGREDIENT:</b>	
Ammoniated soap of fatty acids .....	22%
<b>OTHER INGREDIENTS:</b> .....	
	78%
<b>TOTAL</b> .....	
	100%

**Net Contents: 2.5 Gallons**  
 EPA Reg. No. 67702-34-70051  
 EPA Est. No. 48498-CA-1

Manufactured for  
 Certis USA, LLC  
 9145 Guilford Rd, Suite 175  
 Columbia, MD 21046  
 Tel: 800-847-5620

**CERTIS**



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 Neudorff GmbH KG*

**KEEP OUT OF REACH OF CHILDREN  
 WARNING AVISO**

FIRST AID	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

**Personal Protective Equipment (PPE) Requirements:**

Applicators and other handlers must wear: coveralls worn over short-sleeved shirt and short pants, socks, chemical-resistant footwear, waterproof gloves and protective eyewear. When cleaning equipment a chemical-resistant apron should also be worn.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

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 product is hazardous to aquatic invertebrates. 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 cleaning equipment or disposing equipment washwaters.

**PRODUCT INFORMATION**

- Contains an herbicidal soap concentrate for weed control.
- Able to use around raised beds, containers, planters, and other structures holding vegetables, trees, flowers, and shrubs; in planting beds prior to planting vegetables, trees, flowers, or grass; and around ornamental flowers, mature shrubs and trees, spot treatment in lawns bordering garden areas and bark mulch.
- Fast acting formula kills weeds, grasses, unwanted vegetation, moss, and algae within hours.
- Overspray will not stain bricks, woods, concrete, pavement, or asphalt.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Causes skin irritation. Causes substantial but temporary eye injury. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear long-sleeved shirt and long pants, socks, chemical-resistant footwear and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Wear protective eyewear (goggles, face shield or safety glasses).

## 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 in a manner that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Read and follow all applicable directions and precautions on this label before using.

#### AGRICULTURAL USE REQUIREMENTS

Use this product 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), restricted-entry interval, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

**Entry-Restrictions:** Do not enter or allow worker entry into treated area during the restricted-entry interval of 24 hours.

PPE required 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, wear: coveralls worn over short-sleeved shirts and short pants, socks, chemical-resistant footwear, waterproof gloves and protective eyewear.

#### NON-AGRICULTURAL USE REQUIREMENT

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.

For early reentry to treated areas and that involves contact with anything that has been treated such as plants, soil, or water, wear: coveralls, shoes, socks, and waterproof gloves.

#### Application Directions

Shake well before using.

Mix one part Final-San-O with 5 parts water (26 oz. in 1 gallon water). Apply the mixed solution at 75 – 200 gallons/acre (2.0 – 5.0 gallons/1,000 ft<sup>2</sup>). Spray weed thoroughly, using a coarse nozzle setting to reduce drift. Thorough coverage is extremely important. For spot treatment of individual weeds, apply the mixed solution to the center of plant to the point of runoff. Plant damage will be visible from a few hours to 2 days after spraying. Repeat treatment every 2 to 3 weeks to control new weeds growing from seed and re-growth from bi-annual and perennial weeds. Avoid spraying desirable plants.

Final-San-O can be used at any time during the year. The best results are obtained with young, actively growing weeds, less than 5 inches high. Final-San-O works best during warm and dry conditions. Application during cold weather may delay appearance of plant damage. If rain falls within 3 hours of treatment, an additional spray may be required.

Thoroughly wash equipment after use.

#### Use Sites:

Around ornamental flowers, mature shrubs and trees; spot treatment in lawns bordering garden areas; bark mulch; around planters, containers, raised beds and other structures holding flowers, trees, shrubs and vegetables; and in planting beds prior to planting grass, flowers or vegetables.

Controls: Annual bluegrass, chickweed, corn spurry, dandelion, groundsel, lamb's-quarters, large crabgrass, mouse-eared chickweed, mustards, plantain, redroot pigweed, round leaved mallow, sheep sorrel, shepherd's-purse, stinkweed, thistle, moss, algae and lichens

#### Pests:

Weeds controlled or suppressed by Final-San-O include the following:

chickweed	<i>Stellaria media</i>
corn spurry	<i>Spergula arvensis</i>
groundsel	<i>Senecio</i> spp.
lamb's-quarters	<i>Chenopodium album</i>
mouse-eared chickweed	<i>Cerastium vulgatum</i>
mustards	<i>Brassica</i> spp.
plantain	<i>Plantago</i> spp.
redroot pigweed	<i>Amaranthus retroflexus</i>
round leaved mallow	<i>Malva</i> spp.
sheep sorrel	<i>Rumex acetosella</i>
shepherd's-purse	<i>Capsella bursa-pastoris</i>
stinkweed	<i>Thlaspi arvense</i>
annual bluegrass	<i>Poa annua</i>
large crabgrass	<i>Digitaria sanguinalis</i>
perennial ryegrass	<i>Lolium perenne</i>
creeping red fescue	<i>Festuca rubra</i>
hard fescue	<i>Festuca ovina</i>
colonial bentgrass	<i>Agrostis tenuis</i>

Final-San-O is a fast-acting weed, grass, algae and moss killer. Inadvertent overspray will not stain concrete, pavement, stucco or wood. Final-San-O is a non-selective herbicide that controls many common annual weeds. Final-San-O suppresses the growth of some bi-annual and perennial weeds. It can be used in cultivated areas prior to planting grass, flowers and vegetables. Areas can be re-sown five days after treatment. Final-San-O can be used at any time during the year. Best results are obtained with young, actively growing weeds, less than five inches in size.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a secure place, away from open fire or flame. Keep container closed and reseal after use. Product may be damaged by freezing. Do not store product below 39°F. If spilled, use absorbent materials and dispose of in an approved manner.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER HANDLING:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

## WARRANTY

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.