



# SUPPRESS<sup>®</sup>

## Herbicide EC

A Contact, Post-Emergent, Non-Selective Herbicide  
Product for Use in Agricultural Food and Non-Food Crops

### Keep Out of Reach of Children

## WARNING/AVISO

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 inside booklet for First Aid and Precautionary Statements.**  
**Shake well before using**  
**Apply with continuous agitation**

Manufactured by:  
SAN Group Biotech USA, Inc.  
1260 Avenida Chelsea, Vista, CA 92081 USA  
Tel. (800) 876-2767

#### Active Ingredients:

Caprylic Acid..... 47%  
Capric Acid..... 32%

**Other Ingredients:..... 21%**

**Total..... 100%**

EPA Reg. No. 51517-9 · EPA Est. No. 51517-CA-1



## 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.
- Call a poison control center or doctor for treatment advice.

### If on skin or clothing

- Remove contaminated clothing.
- Rinse skin immediately with plenty of water for 15–20 minutes.
- Wash exposed area with soap and water. If irritation persists, seek medical attention.
- Call a poison control center or doctor for treatment advice.

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Hotline at 1-800-222-1222 for emergency medical treatment information 24 hours a day, 7 days a week.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin and clothing. Wear protective eyewear such as goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical-resistance selection chart.

### **Applicators and other handlers must wear:**

- Protective eyewear
- Coveralls worn over short-sleeved shirt and short pants
- Shoes plus socks
- Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE items separately from other laundry.

## USER SAFETY RECOMMENDATIONS

### **Users should:**

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

## **ENVIRONMENTAL HAZARDS**

**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 rinseate.

Do not apply this product or allow it to drift to blooming crops or weeds while honey bees are actively foraging in the treatment area. For maximum honey bee protection, avoid early morning and late afternoon applications.

## **PRODUCT INFORMATION**

**SUPPRESS® Herbicide EC** is a non-selective, post-emergent, foliar herbicide for use in and around all food and non-food crop areas, as well as non-agricultural and industrial sites.

**SUPPRESS® Herbicide EC** provides effective control of annual and perennial broadleaf weeds and grasses. **SUPPRESS® Herbicide EC** works best on newly emerged weeds, ideally on weeds that are less than 6 inches in height.

**SUPPRESS® Herbicide EC** is a non-volatile, emulsifiable concentrate that can be applied using ground equipment such as boom sprays. **SUPPRESS® Herbicide EC** is non-systemic and it does not translocate within the plant.

## **DIRECTIONS FOR USE**

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

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 requirement specific to your State or Tribe, consult the State/Tribal agency responsible for the 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 also contains specific instructions and exceptions pertaining to statements on this label about personal protective equipment (PPE). The requirements of this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and involves contact with anything treated such as plants or soil is:

- long-sleeved shirt and long pants
- protective eyewear
- chemical-resistant gloves
- shoes plus socks

## **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.

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.

**FOR USE IN AND AROUND ALL FOOD AND NON-FOOD CROPS, INCLUDING, BUT NOT LIMITED TO:**

<b>Berries</b>	Blackberries, Blueberries, Boysenberries, Cranberries, Dewberries, Loganberries, Raspberries
<b>Brassicas (Cole)</b>	Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard Greens
<b>Bulb Vegetables</b>	Garlic, Leeks, Onions, Shallots
<b>Cereal Grains</b>	Barley, Corn, Oats, Rye, Sorghum (Milo), Wheat
<b>Citrus</b>	Grapefruits, Lemons, Limes, Oranges, Mandarins
<b>Cucurbit Vegetables</b>	Cantaloupes, Cucumbers, Gourds, Muskmelons, Pumpkins, Squash, Watermelons
<b>Field Crops</b>	Alfalfa, Canola, Cereal Grains, Corn, Cotton, Sorghum, Soybeans, Sweet Corn
<b>Fruiting Vegetables</b>	Eggplant, Peppers (All Varieties), Tomatillos, Tomatoes
<b>Herbs and Spices</b>	Anise, Basil, Chive, Dill, Fennel, Oregano
<b>Grapes</b>	Raisin, Table Grapes, Wine Grapes
<b>Leafy Greens</b>	Arugula, Celery, Lettuce, Spinach
<b>Legumes</b>	Beans, Garbanzo, Lentils, Peas
<b>Tree Nuts</b>	Almonds, Cashews, Hazelnuts (Filberts), Pecans, Pistachios, Walnuts
<b>Pome Fruit</b>	Apples, Crabapples, Pears, Quince
<b>Rice</b>	Do not apply when fields are flooded.
<b>Stone Fruit</b>	Apricots, Cherries, Nectarines, Peaches, Plums, Prunes
<b>Strawberries</b>	June-bearing, Everbearing, and Day-neutral
<b>Root &amp; Tuber Vegetables</b>	Beets, Carrots, Potatoes, Potato Seed, Radishes, Sweet Potatoes
<b>Tropical Fruits</b>	Guavas, Mangos, Kiwi Fruit, Bananas
<b>Miscellaneous Crops</b>	Artichokes, Asparagus, Avocados, Olives, Persimmons, Pomegranates

## NON-FOOD CROPS:

### Turf, flowers, Bedding and Landscape

Bedding Plants, Flowers and Ornamentals, Turf Grass (Maintenance, Sod or Seed Production)

### Trees and Shrubs

Christmas Trees, Forest and Commercial Trees, Landscape Trees, Nursery Trees or Shrubs

### Greenhouse and Nurseries

All Crops, Plants

Fallow Land, Forages and Pastures, Uncultivated Land

### For use in Non-Agricultural and Industrial Sites

**SUPPRESS® Herbicide EC** can be used to control undesired vegetation, weeds, and grasses growing in and around parks, golf courses, turf, ornamentals, landscapes, interiorscapes, non-crop areas, right-of-ways, and around building structures, and similar areas.

### For use on Sucker Control\*

To burn back unwanted basal sucker growth on woody trees and foliage growth on vines, and excessive cane growth in the brambles. Apply before suckers become woody and only to unwanted vegetative parts. Use the 6% to 9% solution to control sucker growth.

### For use as a Desiccant or Harvest Aid

**SUPPRESS® Herbicide EC** can be used as a desiccant on pulse crops\*, including legumes\*, grains\*, alfalfa\*, and root and tuber vegetables (such as potatoes). To achieve the desired results, use the higher application rates. Refer to application table on page 8.

\*Not for use in California

## MIXING INSTRUCTIONS AND APPLICATION RATES

**SUPPRESS® Herbicide EC** is a non-selective, post-emergent, foliar herbicide for use in and around all food and non-food crop areas. It can also be used in non-agricultural and industrial use sites. **SUPPRESS® Herbicide EC** works best on newly emerged weeds. For more mature weeds, use the higher application rates (6% to 9%) with up to 100 gallons of water per acre. For maximum weed control, apply **SUPPRESS® Herbicide EC** directly on the targeted weeds. Use adequate spray solution volume to ensure thorough weed coverage. **SUPPRESS® Herbicide EC** must be sprayed in a manner to avoid drift, such as applying with hooded spray equipment, to prevent drift damage to the crop.

## APPLICATION RATES:

Use the lower use rate range for young, succulent and actively growing weeds and the higher rate for weeds greater than six inches in height. Use the highest rate for perennial weeds when the plants have “hardened.”

- **Use a 3% solution** for control of annual weeds.
- **Use a 6% solution** for burndown of perennial herbaceous plants and weeds in later stage of growth.
- **Use a 9% solution** when maximum vegetative burndown (for weeds such as field bindweeds and sedges), edging, or foliar trimming is desired.

### Sucker Control\*:

Use directed spray of 6% to 9% solution when applying **SUPPRESS® Herbicide EC** to eliminate tender suckers. Higher rates (9%) will be needed for mature (lignified) suckers.

### Desiccation/Harvest Aid:

Apply **SUPPRESS® Herbicide EC** when unwanted vegetation needs to be removed and crops have stopped growing. Spray solution as a broadcast application over targeted crops and weeds. Avoid spray drift to adjacent crops. To ensure full burndown, apply **SUPPRESS® Herbicide EC** at least 48 hours before harvest. Application crops include pulse\*, potato and other tubers.

Repeat applications as required to maintain desired level of weed control and to control plants emerging from seed and underground parts.

*\*Not for use in California*

## APPLICATION RATES

Desired Volume of Spray Solution (gallons of water)	Amount of <b>SUPPRESS® Herbicide EC</b> per Volume of Water (Volume/Volume)		
	3% Solution	6% Solution	9% Solution
1	4 fl oz	8 fl oz	12 fl oz
3	12 fl oz	24 fl oz	36 fl oz
25	96 fl oz	1.5 gal	2.25 gal
50	1.5 gal	3 gal	4.5 gal
70	2.1 gal	4.2 gal	6.3 gal
100	3 gal	6 gal	9 gal



## **MIXING INSTRUCTIONS:**

Fill sprayer tank with half of the recommended water, then add the appropriate amount of **SUPPRESS® Herbicide EC**. Fill tank with the remaining amount of water. When spraying the solution, **USE CONTINUOUS AGITATION UNTIL ALL SPRAY SOLUTION HAS BEEN APPLIED**. Apply spray solution in properly maintained and calibrated equipment capable of delivering the desired volumes. Apply spray solution as needed to control newly emerged weeds. Use spray solution within 4 hours of mixing.

**Spray Water pH:** For spray water with pH greater than 7, adjust to pH 6 or below prior to the addition of **SUPPRESS® Herbicide EC**. The dilution water can be adjusted using an acidifier such as **BioLink® Acidifier**.

**Surfactants:** Do not tank mix **SUPPRESS® Herbicide EC** with silicone-based surfactants. Non-ionic surfactants are not recommended.

**SPRAY EQUIPMENT:** Apply **SUPPRESS® Herbicide EC** using hand-held equipment, boom sprayers, pressure sprayers, and hose-end sprayers. Only protected handlers may be in the application area. Always clean application equipment, including o-rings, thoroughly after each use.

Do not apply this product by aerial application. Do not apply when wind conditions favor movement of spray away from the site of application. Avoid spray drift to non-target plants when using electrostatic sprayers. When applying this product in a broadcast application, utilize a hooded sprayer, shielded or other spray equipment that prevents the movement of spray away from the target weeds. Utilize nozzles that are designed to produce large spray droplets to prevent drift onto crop.

**DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.**

**ADDITIONAL PRECAUTIONS:** Do not apply to weeds when wet from dew, rain or water. Do not water within 4 hours after application. Do not apply if rainfall is expected within 4 hours of spray. For maximum burndown, complete coverage is necessary.

**DO NOT APPLY TO RICE FIELDS WHEN WATER IS PRESENT OR FIELD IS FLOODED. ENSURE ADEQUATE VENTILATION WHEN SPRAYING THE PRODUCT IN ENCLOSED AREAS SUCH AS GREENHOUSES.**

**COMPATIBILITY:**

Do not tank mix with silicone-based surfactants. Non-ionic surfactants are not recommended. Conduct a compatibility test when you plan to mix **SUPPRESS® Herbicide EC** with other products. To determine the physical compatibility of **SUPPRESS® Herbicide EC** with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of solution. Add dry formulations first, then aqueous flowables, and then emulsifiable concentrates last. Agitate well.

After thorough mixing, allow this mixture to stand for 5 minutes. If the combination does not form a precipitate and can be readily remixed, it is physically compatible. Once compatibility has been confirmed, use the same order of addition for adding products to the spray tank. Follow the more restrictive labeling requirements of any tank mix partner. Do not tank mix with products which prohibit tank mixing. Treat a small test plot if new combinations of products are being used for the first time.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store SUPPRESS® Herbicide EC in a cool place out of direct sunlight. Do not freeze.

**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 (for containers less than 5 gallons):** Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying, then offer for recycling, if available; or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by incineration. If burned, stay out of smoke. 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  $\frac{1}{4}$  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. Then offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.

**CONTAINER HANDLING (for containers greater than 5 gallons):** Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank. Fill the container  $\frac{1}{4}$  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. Then offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.

*Batch number will appear on container.*

## **NOTICE OF WARRANTY**

SAN Group Biotech USA, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of SAN Group Biotech USA, Inc. To the extent consistent with applicable law, SAN Group Biotech USA, Inc., shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. SAN Group Biotech USA, Inc's liability is limited to replacement of product or refund of purchase price. SAN GROUP BIOTECH USA, INC., MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**SUPPRESS® is a registered trademark of SAN Group Biotech USA, Inc.**

**REV220608**

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## Herbicide EC

A Contact, Post-Emergent, Non-Selective Herbicide Product for Use in Agricultural Food and Non-Food Crops

### Active Ingredients:

Caprylic Acid.....47%

Capric Acid.....32%

Other Ingredients:.....21%

**Total.....100%**

## Keep Out of Reach of Children WARNING/AVISO

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).

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**Shake well before using  
Apply with continuous agitation**

**SAN<sup>®</sup>**  
**AGROW**



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### 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.
- Call a poison control center or doctor for treatment advice.

**If on skin or clothing**

- Remove contaminated clothing.
- Rinse skin immediately with plenty of water for 15–20 minutes.
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**NOTE TO PHYSICIAN**

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**NET CONTENTS:**  1 Quart  1 Gallon  2.5 Gallons  
 30 Gallon Drum  55 Gallon Drum  275 Gallon Tote