

# SUNSPRAY 9C

A superior horticultural spray oil to be applied only by chemigation

**Active Ingredient: Refined Petroleum Distillate\* .....100 wt%**

**\*Unsulfonated Residue of Petroleum Distillate .....92.0 % Min**

**\*50% Distillation Point of Petroleum Distillate. ....455.0 °F**

**\*10%-90% Distillation Range of Petroleum Distillate.....80.0 °F Max**

**\*Flash Point .....375.0 °F**

**Weight per Gallon.....7.1 lbs.**

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION**

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).

### FIRST AID

**If swallowed:**

Immediately call a poison control center or doctor.  
**DO NOT INDUCE VOMITING** unless told to do so by a poison control center or doctor.  
Do not give any liquid to the person.  
Do not give anything by mouth to an unconscious person.

**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 the 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 followed by washing with soap & water.  
Call a poison control center or doctor for treatment advice.

**If inhaled:**

Move person to fresh air.  
Call a poison control center or doctor for further 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 1-800-964-8881 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

Contains petroleum distillate - vomiting may cause aspiration pneumonia. Aspiration may occur after swallowing or vomiting and results in serious, and sometimes delayed, lung injury.

According to the California Safe Drinking Water and Toxic Enforcement Act of 1986 Regulations, otherwise known as "Proposition 65"- **ATTENTION-** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**EPA Registration No. 862-24  
BULK - U.S. STANDARD**

See additional Precautionary Statements inside booklet. See Directions For Use inside Booklet.

Samco, Inc. (R&M)  
Ten Penn Center  
1801 Market Street  
Philadelphia, PA 19103-1699

ACCEPTED

NOV 25 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 862-24

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**PRECAUTIONARY STATEMENTS**

Hazards to humans & domestic animals

**CAUTION**

Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of food or food stuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants
- Shoes plus socks

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.

**USER SAFETY RECOMMENDATIONS**

Users should: \*Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

**STORAGE AND DISPOSAL**

1. **Prohibitions:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.
2. **Storage:** Store in a cool, dry, locked area out of the reach of children. Keep oil container tightly closed in storage to prevent entry of water.
3. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
4. **Container Disposal:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**LIMITED WARRANTY AND LIABILITY**

This product conforms to the description and is suitable for the uses set forth on this label but is strictly limited to those uses solely as directed under the specified label conditions, and only if purchased in the original unopened container. **MANUFACTURER AND SELLER DISCLAIM ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE** (except as specified on this label). Buyer and all users shall assume all risk, liability and damage if this product is used, stored, handled or applied other than as specifically set forth on this label. **LIABILITY OF MANUFACTURER AND SELLER AND USER'S REMEDIES SHALL BE LIMITED TO REFUND OF THE PURCHASE PRICE OR REPLACEMENT OF THE SPECIFIC QUANTITY INVOLVED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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**DIRECTIONS FOR USE**

**WHEN SUNSPRAY 9C IS APPLIED AS A PESTICIDE**

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 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 agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR 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. The requirements in 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 4 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, is:

- coveralls
- waterproof gloves
- shoes plus socks

SUNSPRAY 9C at an application rate of 2-3 gallons per acre in 0.1" to 0.3" of water can control the immature stages of scale insects, aphids and thrips in addition to depressing the mite population when used on the following crops:

Apples	Cotton	Pepper	Soybeans
Broccoli	Cucumber	(sweet +	Spinach
Cabbage	Eggplant	Jalapeno)	Tobacco
Cantaloupe	Lima Beans	Potatoes	Tomatoes
Cauliflower	Mustard	Snap Beans	Turnips
Citrus	Onions	Sorghum	Watermelon
Collards	Peaches	Southern	Yellow
Corn	Peanuts	Peas	Squash

SUNSPRAY 9C can be tank mixed with the following pesticides provided these pesticides were purchased having an approved chemigation label.

Alachlor, Atrazine, Azinphos-methyl, Bacillus thuringiensis, Bifenthrin, Butylate, Chlorpyrifos, Chlorothalonil, Cyfluthrin, Cypermethrin, Diazinon, Disulfoton, Endosulfan, Esfenvalerate, Fenamiphos, Isofenphos, Malathion, Mancozeb, Metam, Methamidophos, Metolachlor, Metribuzin, Oxydemeton-methyl, Pendimethalin, Permethrin, Phosphamidon, Piperonyl Butoxide, Prometryne, Simazine, Sulprofos, Trichlorfon, Tridiphane, Trifluralin.

Always consult the label of the specific formulation of the pesticide that is used for the amount of Sunspray 9C and water to be used in the chemigation system, the precise rate and the specific pests it controls.

**CHEMIGATION USE STATEMENTS**

- A. "Apply this product only through the following types of systems: Sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, and big gun. Do not apply this product through any other type of irrigation system." In all irrigation systems listed, the water must be flowing in excess of 4"/second past the injection point of the oil.
- B. "Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water."
- C. "If you have questions about calibration, you should contact State Extension Service Specialist, equipment manufacturers or other experts."
- D. "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."

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E. "A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise."

F. "The check valve or back flow prevention valve must be designed so the internal parts can be inspected."

G. "A low pressure drain shall be placed between the check valve and the water source."

**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 fitted with a system interlock."
7. Do not apply when wind speed favors drift beyond the area intended for treatment."

**CAUTION**

Keep oil container tightly closed in storage to prevent entry of water or other contaminants. This product should be applied when temperature is above 40°F and there is no danger of freezing.

DO NOT APPLY THIS PRODUCT IN A CHEMIGATION SYSTEM THAT IS CONNECTED TO A PUBLIC WATER SYSTEM. DO NOT USE IN A DRIP (TRICKLE) CHEMIGATION SYSTEM.

**GENERAL**

Do not apply when plants are in or near wilting. Observe all cautions and limitations on labels of products recommended for mixture with oil that can be applied through an irrigation system.

"DO NOT MIX THIS PRODUCT IN A SUPPLY TANK WITH WATER SOLUTIONS OF CHEMICALS SUCH AS FLUID FERTILIZERS. FOLLOW DIRECTIONS ON THE PESTICIDE CONTAINER."

"IF THIS PRODUCT IS GOING TO BE USED AS A CARRIER FOR OTHER PESTICIDES, CONSULT THE INSTRUCTIONS FOR THAT SPECIFIC PESTICIDE AS TO COMPATIBILITY AND DIRECTIONS FOR MIXING."

"DO NOT MIX THIS PRODUCT WITH WATER FOR CHEMIGATION"

"THIS PRODUCT SHOULD BE METERED CONTINUOUSLY AND IS TO BE APPLIED FOR THE ENTIRE DURATION OF THE WATER APPLICATION."

**CITRUS**

Oils applied after October may increase cold damage to trees. Applied in August and September may affect solid contents, retard color.

**TIMING THE TREATMENT**

You must determine the precise timing to fit local growth and climatic conditions.

DO NOT EXCEED MAXIMUM RATES OR APPLY LATER THAN RECOMMENDED.

**EFFICACY**

A wide range of mite and insect pests in the egg stage such as: spider and eriophyid mites, armored and soft scales, mealybugs, psyllids, whiteflies, aphids, leafrollers, leafhoppers, webworms, cankerworms, plant bugs, leafhoppers, and adelgids. Will kill other immature forms if spray covers the insect.

NOTE: This pesticide is to be sold ONLY in this original unbroken container.