

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT
Sunspray 9C

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

┌ Sun Refining and Marketing Company
├ Ten Penn Center
├ 1801 Market Street
└ Philadelphia, PA 19103

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 862-24."
 - b. On the front panel of your label, revise the statement "A superior horticultural spray oil . . ." to read "A superior horticultural spray oil to be applied only be chemigation."
 - c. On the side panel, delete the paragraph "Sunspray 9C can be used as a diluent for another pesticide provided the pesticide is approved"
 - d. The statements on the front panel "Harmful if swallowed. Avoid breathing . . ." must be placed directly after the "Hazards To Humans and Domestic Animals" heading.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards

DATE

2/9/89

e. Revise your If Swallowed Statement of Practical Treatment to reflect the aspiration hazard associated with this product.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

DIRECTIONS FOR USE WHEN SUNSPRAY 9C IS APPLIED AS A PESTICIDE

It is a violation of law to use this product in a manner not consistent with its labeling.

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

SUN SUNSPRAY 9C

A superior horticultural spray oil for use in the formulation of pesticides that are to be applied only by chemigation.

ACTIVE INGREDIENT: Refined Petroleum Distillate* 100%

Unrefined Residue of Petroleum Distillate	92.0% Min.
*50% Distillation Point of Petroleum Distillate	46.5%
Flash Point	115°F
Weight per Gallon	7.2 lbs.
NET CONTENTS (GALS) DRUMS/RAIL CAR	56/2900

**CAUTION: KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS**

Hazardous to humans and domestic animals. Avoid contact with eyes, skin and clothing. See label panel for additional precautionary statements.

Handed if washed:
Avoid breathing of spray mist or vapors.
Wash hands after using.
Avoid contamination of food or food stuffs.

STATEMENT OF PRACTICAL TREATMENT
If washed (in red ink) wearing
Call a physician immediately.

If on skin: wash with soap and water.
If in eyes: flush with water.

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. 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. (When emptying, see prohibitions.)
2. **Storage:** Store in a cool, dry, fire-free area out of the reach of children. Keep out of reach of children. Handle as storage to prevent entry of water.
3. **Pesticide Disposal:** Wastes resulting from the use of this pesticide may be disposed of on site or at an approved waste disposal facility.
4. **Container Disposal:** Metal: Inherently non-flammable. They refer for recycling or reconditioning to state and local departments of a voluntary landfill or by other procedures approved by state and local authorities. Plastic: Inherently non-flammable. They refer for recycling or reconditioning to state and local departments of a voluntary landfill or reconditioning or disposal by other procedures approved by state and local authorities. Do not burn.

EPA EST NO. _____
EPA REG NO 862- _____ **BULK U.S. STANDARD**

CHEMIGATION USE STATEMENTS

- A. APPLY THIS PRODUCT ONLY THROUGH THE FOLLOWING TYPES OF SYSTEMS: SPRINKLER INCLUDING CENTER PIVOT, LATERAL MOVE, AND FLOW, SIDE INJECTION, BALL, TRAVELER, AND THE LIKE. DO NOT APPLY THIS PRODUCT THROUGH ANY OTHER TYPE OF IRRIGATION SYSTEM.

IN ALL IRRIGATION SYSTEMS LISTED THE WATER MUST BE FLOWING AT EXCESS TO ADEQUATE FLOW THROUGH THE SUCTION POINT OF THE GEL.
- B. CRISP MOUNT, LACK OF EFFECTIVENESS OR MISCELLANEOUS PESTICIDE RESIDUES IN THE CROP CAN RESULT FROM INADEQUATE DISTRIBUTION OF TREATED WATER.
- C. IF YOU HAVE QUESTIONS ABOUT CALIBRATION, YOU SHOULD CONTACT STATE EXTENSION SERVICE SPECIALISTS, 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.
- E. A PERSON KNOWLEDGEABLE OF THE CHEMIGATION SYSTEM AND RESPONSIBLE FOR ITS OPERATION OR UNDER THE SUPERVISION OF THE RESPONSIBLE PERSON, SHALL INSURE THE SYSTEM OPERATES AND MAKE NECESSARY ADJUSTMENTS THROUGH 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 CHECK-CLOSING CHECK VALVE TO PREVENT THE FLOW OF FLUID BACK TOWARD THE INJECTION POINT.
3. THE PESTICIDE INJECTION PIPELINE MUST ALSO CONTAIN A FUNCTIONAL, NORMALLY CLOSED, SPRINKLER OPERATED VALVE LOCATED ON THE INTAKE SIDE OF THE INJECTION PUMP AND CONNECTED TO THE SYSTEM INTAKE TO PREVENT FLUID FROM BEING WITHDRAWN FROM THE SUPPLY TANK WHEN THE IRRIGATION SYSTEM IS SHUT DOWN 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 LOW 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 EXCEEDS THAT BEYOND THE AREA INTENDED FOR TREATMENT.

ACCEPTED WITH COMMENTS
FEB - 9 1983

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Sunspray 9C can be used as a diluent for other pesticides provided the pesticide is approved for use in a chemigation system. 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 parts it controls.

SUN Sun Refining and Marketing Company
TEN PENN CENTER, 1801 MARKET STREET, PHILADELPHIA, PA 19103

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