



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7504P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Registration
 Number:

86330-10

Date of Issuance:

FEB 1 2012

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:

SUNSPRAY® 6C

Name and Address of Registrant (include ZIP Code):

HollyFrontier Refining & Marketing, LLC
 International Plaza Two, Suite 423
 Philadelphia, PA 19113
 ATTN: Ms. Nancy Wright, Product Development Specialist

Handwritten notes:
 5910719
 676/
 5909121
 676/1135
 5909119
 676/1135
 5909118
 676/1135
 5909117
 676/1135
 5909116
 676/1140
 5835539
 676/1140

Note: Changes in labeling 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 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

EPA received a label amendment request and a Confidential Statement of Formula (CSF) submitted on January 20, 2012. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision (RED) for Aliphatic Solvents have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after twelve (12) months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

Continued on Page 2

Signature of Approving Official:

Venus Eagle
 Product Manager 01
 Insecticide-Rodenticide Branch
 Registration Division (7505P)

Date:

FEB 1 2012

Labeling

The change indicated below should be made to the container label coded "#10 SS-5220 011012" that was submitted on January 20, 2012.

1. The company's telephone number should be added to its name and address information.

The similarly coded booklet label should be changed as indicated below.

1. In the second sentence of the "**CITRUS**" paragraph (page 5, right column), "Applied" should be changed to "Oils applied".

Confidential Statement of Formula

The basic Confidential Statement of Formula (CSF) dated January 19, 2012, is accepted and replaces all CSFs previously accepted for this product.

Follow the enclosed "Minimum Type Size Requirements for Final Printed Label".

If you have any questions regarding this Notice, please contact Dr. William W. Jacobs at (703) 305-6406 or at jacobs.bill@epa.gov.

SUNSPRAY® 60

A superior horticultural spray oil to be applied only by chemigation

Active Ingredient: Mineral Oil* 100 wt%

*Un sulfonated Residue of Mineral Oil 92.0 % Min

*50% Distillation Point of Mineral Oil 414.0 °F

*10%-90% Distillation Range of Mineral Oil 80.0 °F Max

*Flash Point 345.0 °F

Weight per Gallon 7.1 lbs.

* Contains petroleum distillates

KEEP OUT OF 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 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 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 inhaled:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, if possible.
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 1-918-594-6000 for emergency medical treatment information.

NOTE TO PHYSICIAN

Contains petroleum distillates - 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.



HollyFrontier Refining & Marketing, LLC
International Plaza Two, Suite 423 • Philadelphia, PA 19113

EPA Registration No. 86330-10
EPA Establishment No. 86330-OK-1
Net Contents: 55 Gallons
Batch/Lot#

PRECAUTIONARY STATEMENTS

Hazards to humans & domestic animals
CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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 G on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, and other handlers must wear: long-sleeve shirt and long pants, shoes plus socks, and chemical-resistant gloves made of Barter Laminare or Viton. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

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 rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Apply this product only as specified by its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.
Pesticide 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.
Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Rigid, nonrefillable containers greater than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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. Turn the container over onto its other 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.

For Metal Containers greater than 5 gallons: If recycling is not available, puncture and dispose of container in a sanitary landfill or by other procedures approved by State and local authorities.

For Plastic Containers greater than 5 gallons: If recycling is not available, puncture and dispose of container in a sanitary landfill or by incineration.

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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

ACCEPTED
FEB 1 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

86330-10

EPA. Reg. No.:

#10 SS-5220 011012

SUNSPRAY® 6C

A superior horticultural spray oil to be applied only by chemigation

Active Ingredient: Mineral Oil*	100 wt%
*Unulfonated Residue of Mineral Oil	92.0 % Min
*50% Distillation Point of Mineral Oil	414.0 °F
*10%-90% Distillation Range of Mineral Oil	80.0 °F Max
*Flash Point	345.0 °F
Weight per Gallon	7.1 lbs.

* Contains petroleum distillates

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

EPA Registration No. 86330-10

 **HOLLYFRONTIER™**
LUBRICANTS & SPECIALTY PRODUCTS
HollyFrontier Refining & Marketing, LLC
International Plaza Two, Suite 423 • Philadelphia, PA, 19113

PRECAUTIONARY STATEMENTS

Hazards to humans & domestic animals

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USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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

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STORAGE AND DISPOSAL

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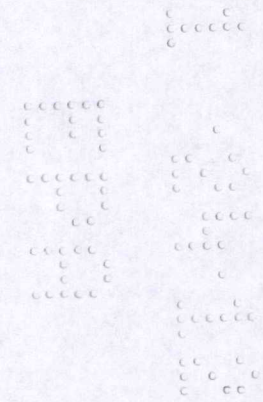
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DIRECTIONS FOR USE

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 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), 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.

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 soil or water, is: coveralls, shoes plus socks, and chemical-resistant gloves made of any waterproof material.



USES

SUNSPRAY 6C may only be applied via chemigation and may be applied at application rates of 2 to 3 gallons per acre in 0.1 to 0.3 inches of water to control the immature stages of scale insects, aphids, and thrips, and to suppress mite populations. SUNSPRAY 6C may only be used in that manner 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

When used as indicated above, SUNSPRAY 6C can be tank-mixed with the following pesticides if each additional pesticide product used has a label which allows it to be applied via chemigation to the specific crop that is to be treated: Alachlor, Atrazine, Azinphos-methyl, Bacillus thuringiensis, Bifenthrin, Butylate, Chlorpyrifos, Chlorothalonil, Cyfluthrin, Cypermethrin, Diazinon, Disulfoton, Endosulfan, Esfenvalerate, Fenamiphos, Malathion, Mancozeb, Methamidophos, Metolachlor, Metribuzin, Oxydemeton-methyl, Pendimethalin, Permethrin, Prometryn, Simazine, Trifluralin.

Do not exceed the range of application rates indicated above, whether using this product by itself or in combination with another pesticide. Within that range, consult labels for the products to be used in combination with SUNSPRAY 6C to determine the rate appropriate for the crop to be treated and the pests to be controlled. Follow all other application directions indicated on this labeling, including the specific statements pertaining to chemigation and sprinkler chemigation applications.

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.

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.

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.

USE PRECAUTIONS

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 USE AND MIXING.

DO NOT PREMIX THIS PRODUCT WITH WATER PRIOR TO ITS USE IN A CHEMIGATION SYSTEM.

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

Keep oil container tightly closed in storage to prevent entry of water. All horticultural oils interfere with or slow plant transpiration and respiration during the period of evaporation. Phytotoxicity may result if applied to plants during periods of prolonged high temperature and high relative humidity. Do not apply to plants under stress (i.e. drought, disease). Do not apply immediately prior to, during or following unusually cold weather or freezing temperatures.

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 IN A MANNER INCONSISTENT WITH THIS LABELING.**

APPLICATION INSTRUCTIONS

The target pest must be completely covered by this product. Oil residue on the plant surface often acts as a feeding and ovipositioning deterrent. However, the primary target is the pest itself as oil is a contact pesticide. Apply only when the temperature is above 40°F and there is no danger of freezing.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of chemigation application can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed: Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions: If applying this product at wind speeds of less than 3 mph, the applicator must determine if a) conditions of temperature inversions exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not apply this product into areas of temperature inversions or stable atmospheric conditions.

Nozzle Height: If nozzles are used to apply this product, do not apply it using a nozzle height greater than 4 feet above the ground or crop canopy.

Droplet Size: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

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

