

5905-368

08/30/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

**NOTIFICATION**

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

**AUG 30 2012**

Bill Washburn  
Helena Chemical Company  
225 Schilling Blvd Suite 300  
Collierville Tennessee 38017

Subject      **Notification** minor revision to warranty statement replacing directions should  
be followed carefully with must be followed carefully  
Omni Supreme Spray  
EPA Reg No 5905 368  
Your submission dated 9/8/12

Dear Mr Washburn

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10 dated 9/8/12 for the product EPA Reg No 5905 368 The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98 10 and finds that the action(s) requested fall within the scope of PRN 98 10 The label submitted with the application has been stamped Notification and will be placed in our records

If you have any questions please call me @ 703 305 5314 or metzger autumn@epa gov

Sincerely

A handwritten signature in black ink, appearing to read "Autumn Metzger", is written over the word "Sincerely".

Autumn Metzger  
Biologist  
Insecticide Rodenticide Branch  
Office of Pesticide Programs

**EPA**

United States  
**Environmental Protection Agency**  
 Washington DC 20460

☐ **Registration**  
☐ **Amendment**  
☒ **Other**

OPP Identifier Number

**Application for Pesticide Section I**

1 Company/Product Number  
**5905 368**

2 EPA Product Manager  
**Venus Eagle**

3 Proposed Classification

4 Company/Product (Name)  
**OMNI SUPREME SPRAY**

PM#  
**1**

☐ None ☐ Restricted

5 Name and Address of Applicant (Include ZIP Code)

**Helena Chemical Company**  
**225 Schilling Blvd Suite 300**  
**Collierville TN 38017**

☐ Check if this is a new address

6 **Expedited Review** In accordance with FIFRA Section 3(c)(3) (b)(I) my product is similar or identical in composition and labeling to

EPA Reg No \_\_\_\_\_

Product Name \_\_\_\_\_

**NOTIFICATION****AUG 30 2012****Section II**

☐ Amendment – Explain below

☐ Resubmission in response to Agency letter dated \_\_\_\_\_

☒ Notification Explain below

☐ Final printed labels in response to Agency letter dated \_\_\_\_\_

☐ Me Too Application

☐ Other Explain below

**Explanation** Use additional page(s) if necessary (For Section I and Section II)

**Notification of correction of warranty statement changed should to must per PR Notice 98 10** This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46 this may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

**Section III**

1 Material This Product Will Be Packaged In

Child Resistant Packaging

☐ Yes  
☐ No

Unit Packaging

☐ Yes  
☐ No

Water Soluble Packaging

☐ Yes  
☐ No

2 Type of Container

☐ Metal  
☐ Plastic  
☐ Glass  
☐ Paper  
☐ Other (Specify)

**\*Certification must  
 be submitted**

If Yes No per  
 Unit Packaging wgt container

If Yes No per  
 Package wgt container

3 Location of Net Contents Information

☐ Label ☐ Container

4 Size(s) Retail Container

5 Location of Label Directives

☐ On Label  
☐ On labeling accompanying product

6 Manner in Which Label is Affixed to Product

☐ Lithograph  
☐ Paper glued  
☐ Stenciled

☐ Other \_\_\_\_\_

**Section IV**

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)

Name

**Bill Washburn**

Title

**Registration Specialist**

Telephone No. (Include Area Code)

**901 752 4420****Certification**

I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law

2 Signature

3 Title

**Registration Specialist**

4 Typed Name

**Bill Washburn**

5 Date

**August 9 2012**

6 Date Application  
 Received  
**(Stamped)**


**HELENA CHEMICAL COMPANY**

225 Schilling Blvd Suite 300  
Collierville Tennessee 38017  
Telephone 901-761-0050

August 9 2012

Ms Venus Eagle PM 1  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs - 7504P  
U S Environmental Protection Agency  
One Potomac Yard Room S-4900  
2777 South Crystal Drive  
Arlington VA 22202

**Subject        Omni Supreme Spray**  
**EPA Reg No 5905-368**

**Notification of Correction to Warranty Statement**

Dear Ms Eagle

While trying to register our Omni Supreme label in California the DPR registration specialist noticed a mistake in the warranty statement The warranty statement contains a line that reads The directions on this label are believed to be reliable and should be followed carefully

According to the EPA Guidance on Warranties dated October 17 2006 states -

The phrase should follow directions could mislead users to believe that the directions for use are only suggestions and not enforceable restrictions on how the product may be used therefore all statements relating to using the product in accordance with its labeling will be required to be mandatory (i.e. must)

Documentation submitted in support of this notification includes the following

- **EPA Form 8570-1 (Application for Pesticide - Other)**  
One copy of EPA Form 8570-1 signed and dated August 9 2012  
The Notification Certification has been added to this Application
- **Corrected Draft Labeling**  
One strikeout copy of the label with the correction highlighted in red Filename at the bottom of the label *Omni Supreme Spray (5905 368) 080912 STK doc*  
One clean copy of the label for stamping Filename at the bottom of the label *Omni Supreme Spray (5905 368) 080912 CLN doc*

Should you have any questions or comments please do not hesitate to contact me at 901-752-4420 or by e-mail at [washburnb@helenachemical.com](mailto:washburnb@helenachemical.com)

Sincerely

Bill Washburn  
Registration Specialist

# OMNI SUPREME SPRAY

(INSECTICIDE MITICIDE) LIQUID  
A NARROW RANGE SUPERIOR SPRAY OIL

NOTIFICATION

AUG 30 2012

**ACTIVE INGREDIENT**

Mineral Oil 98.00%

**INERT INGREDIENTS**

2.00%

**TOTAL**

100.00%

Superior Petroleum Oil Minimum Unsulfonated Residue 92%

Contains petroleum distillates

NOTE THIS PRODUCT IS NOT INTENDED FOR GREENHOUSE USE

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**CAUTION**

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

### FIRST AID

**IF ON SKIN OR CLOTHING**

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15-20 minutes.

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

**IF SWALLOWED**

Call a poison control center or doctor immediately for treatment advice.

Do not induce vomiting unless told to do so by the poison control center or doctor.

Do not give **any** liquid to a person.

Do not give anything by mouth to an unconscious or convulsing person.

**IF INHALED**

Move person to fresh air.

If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

Call a poison control center or doctor for further treatment advice.

**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 eye.

Call a poison control center or doctor for treatment advice.

Have the product container with you when calling a poison control center or doctor or when going for treatment. You also may call Chemtrec at 1-800-424-9300 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** This product contains petroleum distillates and may pose an aspiration pneumonia hazard. Do not induce vomiting.

**See inside Panel for Additional Precautionary Statements**

EPA Reg. No. 5905-368

EPA EST. NOS: First letters of product batch code indicate producing establishment.

5905 GA 1=CG 5905 AR 1=WA 5905 CA 1=KC 5905 IA 1=DI

AD 041112

NET CONTENTS: 2.5 gallons, 30 gallons, 55 gallons

**MANUFACTURED FOR**  
**HELENA CHEMICAL COMPANY**  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TENNESSEE 38017

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are made of barrier laminate nitrile rubber neoprene rubber or viton. If you want more options follow the instructions for category E on an EPA chemical resistance category selection chart.

### Mixers loaders applicators flaggers and other handlers must wear

Long sleeved shirt and long pants  
Shoes plus socks and  
Chemical resistant gloves

See **ENGINEERING CONTROLS** for additional requirements

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.

When handlers use closed systems enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)] the handler PPE requirements may be reduced or modified as specified in the WPS.

## USER SAFETY RECOMMENDATIONS

### Users should

- Wash hands before eating drinking chewing gum using tobacco or using the toilet
- Remove clothing/PPE 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

## ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)]

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

## PHYSICAL OR CHEMICAL HAZARDS

Do not use pour spill or store near heat or open flame

## CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system

## 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 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) 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 12 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.

## NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest nurseries, or greenhouses. Do not enter or allow others to enter until sprays have dried.

## SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (e.g., ground, aerial, or airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product. The restrictions pertaining to wind speed, temperature inversions, and droplet size apply to all the methods of application permitted for this product.

### Wind Speed

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

### Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

### Droplet Size

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

### Ground Spray Applications

Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

### Airblast Applications

Turn off outward pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

### Aerial Applications

Do not release spray at a height greater than 10 feet above the ground, top of crop, or above the orchard canopy.

### Boom Length

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade's diameter.

### Swath Adjustment

When applications are made with a cross wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

## PRODUCT INFORMATION

**OMNI SUPREME SPRAY** is refined phytonomic oil that functions as a contact insecticide. This product is for use on plants that are in foliage or in the dormant stage.

This product is intended for use by commercial growers and commercial applicators.

## USE RESTRICTIONS AND PRECAUTIONS

When using this product in combination with other pesticides as authorized by this label observe all cautions use restrictions and other limitations on the labels for all products involved

Do not use **OMNI SUPREME SPRAY** when temperatures are above 95 °F

If temperatures have dropped below 32 °F (including overnight lows) do not spray tree and vine crops until daytime temperatures have risen to above 35° F and plants are free of moisture due to melting frost or heavy dew

Applications to trees weakened by disease drought driving winds or high nitrogen may result in oil caused injury

The spray tank must be made free of any sulfur residue before using **OMNI SUPREME SPRAY**. Except where directed otherwise by this label do not combine sulfur sprays with **OMNI SUPREME SPRAY**. For plant safety do not follow a previous application of sulfur or apply sulfur following **OMNI SUPREME SPRAY** until at least 30 days have elapsed except in Oregon Washington and Idaho where **OMNI SUPREME SPRAY** may be used in combination with sulfur in the following application situations: Pears – Post harvest (after all fruit is off the tree) Dormant and Delayed Dormant (before the scales slip or prior to or at bud swell) and Apples – prior to or up to the Delayed Dormant (1/2 inch green) period. If in doubt spray a portion of one tree previously treated with sulfur using 1 quart of **OMNI SUPREME SPRAY** in 25 gallons of water. If sufficient time has not elapsed foliar burn will show in several days.

Do not use **OMNI SUPREME SPRAY** in combination with or immediately before or after spraying with dinitro compounds fungicides such as Captan Folpet Dyrene Morestan or any other product containing sulfur

Except where specified otherwise the rates of **OMNI SUPREME SPRAY** prescribed by this label are on the basis of dilution in 100 gallons of water

This product may be applied using conventional hydraulic sprayers concentrate application equipment ground application equipment or aircraft

When applying by **ground equipment** use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all leaves until wet but without significant runoff. This label's directions regarding volume of spray solution pertain to applications to mature trees and vines with normal foliage cover. Reduce rates proportionally for smaller and immature plants.

For applications by **concentrate methods** apply the total amount of **OMNI SUPREME SPRAY** indicated on the per 100 gallon basis except where the label specifies actual concentration rates. (Example: If the rate for a dilute application is expressed in terms of gallons per acre)

For **aerial applications** apply the quantity of **OMNI SUPREME SPRAY** indicated for the crop or other plants to be treated in sufficient water to provide 10 gallons of spray per acre except where the label prescribes otherwise. Aerial applications are not as efficient as ground sprays for trees. Therefore aerial applications should only be made when growing and/or soil conditions make ground applications infeasible.

Except where limited by this label the optimum spray gallonage depends upon tree or crop size planting density and growth stage. Typical per acre spray gallonages will range from 100-600 gallons for dilute spray 20-100 gallons for concentrate spray and 5-100 gallons for aerial applications.

## MIXING INSTRUCTIONS

- (1) Add enough water to the mixing tank for proper agitation
- (2) Add micronutrients and other desired pesticides. If dry pesticide products are used mix the materials with water thoroughly so that they are completely dispersed in the mixing tank. DO NOT add **OMNI SUPREME SPRAY** before a uniform mixture of pesticide and water is obtained.
- (3) Maintain agitation of the mix until the spray is applied. Flush any spray mix remaining in hoses back into the tank if the solution stands for more than 20 minutes.
- (4) Ensure that spray equipment is thoroughly clean so that residues from other applications do not remain.

**ALFALFA (Seed Crop Only)** Use 1 quart per acre in a minimum of 20 gallons of water per acre for ground applications or in a minimum of 10 gallons of water per acre for aerial applications when used in combination and at the labeled rates with insecticides or miticides that are labeled for use with oil sprays. To increase the effectiveness of desiccants apply 2 gallons of product per acre by air in a minimum of 10 gallons of water. This use is limited to herbicide/desiccant products that are labeled for alfalfa seed desiccation.

**ALMONDS APRICOTS CHERRIES NECTARINES PEACHES PLUMS PRUNES** Dormant or Delayed Dormant – Dilute Spray: Brown Apricot Scale Black Scale San Jose Scale Olive Scale (Parlatoria Scale) Oleander Scale Frosted Scale Italian Pear Scale European Fruit Lecanium Putnam Scale Soft Brown Scale other Scale Insects: Eggs of Aphids Red Spider Mites Brown Mites – Use 1.5 to 2 gallons in 300 to 600 gallons of water per acre. Concentrate Spray: Use 4 to 6 gallons per acre in a minimum of 20 gallons of spray. Almonds and Apricots: European Red Mite Brown Mite San Jose Scale – Use 4 to 8 gallons per acre in a minimum of 20 gallons of spray. Spring or Summer Dilute Spray: Two spotted Mites

Pacific Mites European Red Mites and Brown Mites – Use 1 to 2 gallons in 300 to 600 gallons of water per acre Spring or Summer Concentrate Use 4 to 6 gallons per acre in a minimum of 20 gallons of spray Aerial Application Use at least 4 and no more than 6 gallons of product in a minimum of 20 gallons of spray Plums and Prunes – Dilute Spray Peach Twig Borer – Apply 50 – 200 gallons of spray solution per acre using 1.5 to 2 gallons per 100 gallons of water Concentrate Spray Use 6 to 8 gallons per acre in a minimum of 20 gallons of water Aerial Application Use 6 to 8 gallons per acre in a minimum of 20 gallons of spray

**Restrictions for applications on CHERRIES ONLY** Do not exceed a maximum application rate of 1.5 gallons per 100 gallons of spray mixture or 1.5% by volume Do not apply this product to cherries in conjunction with azinphos methyl based insecticides

**APPLES** Rust Mite Delayed Dormant – Use 1.5 to 2 gallons of product in 50 to 200 gallons of water per acre Summer Use – Use 1 to 1.5 gallons per acre in a minimum of 20 gallons of spray

**APPLES PEARS** Dormant or Delayed Dormant – Dilute Spray San Jose Scale Pear Scale Eggs of Aphids Red Spider Mites Rust Mites (Apples only – delayed dormant) – Use 1 to 2 gallons in 50 to 200 gallons of water per acre Pears only Delayed Dormant Pear Psylla – Use 2 gallons in 50 to 200 gallons of water per acre Concentrate Spray Use 4 to 6 gallons in a minimum of 20 gallons of spray per acre Summer Dilute Spray Two Spotted Spider Mites Pacific Mites and European Red Mites – Use 1 to 1.5 gallons per acre diluted in 400 to 800 gallons of water Concentrate Spray Use no more than 4 gallons per acre in a minimum of 20 gallons of spray Aerial Application Use no more than 4.6 gallons of product in a minimum of 20 gallons of spray per acre

**Dormant (Washington Oregon and Idaho only)** Apples – Dilute spray for mites and San Jose scale use 1 to 1.5 gallons of oil plus sulfur or lime sulfur at the specified label rate Concentrate spray Use 4 to 6 gallons of oil per acre plus the specified label rate of sulfur or lime sulfur in sufficient water to total 20 to 100 gallons of spray per acre Pears Dilute Spray – Pear Psylla use 1 to 1.5 gallons of oil plus sulfur or lime sulfur at the specified label rate Concentrate spray Use no more than five gallons of oil plus the specified label rate of sulfur or lime sulfur in sufficient water to total 20 to 100 gallons of spray per acre

**NOTE** Oil plus sulfur or lime sulfur can cause severe foliage and fruit bud injury if applied after the dormant period

**ASPARAGUS BEANS BEETS CORN CUCURBITS PEPPERS SQUASH AND TOMATOES** Aphids Mites Beetle Larvae Leafminers Caterpillars Use 1 to 2 gallons of product per 100 gallons of water per acre

**AVOCADOS** For Mites and Thrips – Use 1 to 4 gallons per acre in a dilute spray of 400 to 2000 gallons per acre Use enough spray for thorough coverage Do not exceed 30 gallons of oil per acre per application For concentrate spray use 1 to 18 gallons per acre in 50 to 100 gallons of spray mixture or in enough water for adequate coverage For aerial application use 1 to 18 gallons per acre in 20 to 100 gallons of spray When the application of oil is more than 2% v/v concentration treat and observe a small area Allow enough time for symptoms to appear before continuing to spray

**BANANAS PLANTAINS** For control of Black Leaf Streak Black Sigatoka Yellow Sigatoka Use 0.5 to 1.5 gallons in 20 to 100 gallons water per acre (Mist Blower Use 1.5 gallons in 6 gallons of water per acre) **Note** Begin application when disease first appears and continue every 10 to 15 days during rainy season or as is needed Do not apply when daytime temperatures exceed 80 °F as injury may occur Phytotoxicity may be affected by the quantity of oil used vigor of trees and temperature at time of application Bag fruits or use a directed spray on unfilled fruits Bagged fruit improves crop safety whereas unbagged fruit may show phytotoxicity This application may also loosen Sooty Mold fungus and prevent its formation through control of Aphids Mealybugs Scale Insects and Whiteflies

**BLUEBERRIES BUSHBERRIES CANEBERRIES** For control of Mites Powdery Mildew and Rust apply 0.75 to 1.5 gallons in 100 gallons of water per acre Using ground equipment spray for optimum coverage of leaf surfaces For Fungal Diseases use at least 200 lbs spray per acre

**CABBAGE CAULIFLOWER CELERY COLE CROPS LETTUCE & ONIONS** Aphids Leafhoppers Leaf Miners Loopers Mite Plant Bugs Thrips & Whiteflies – Use 1 – 2 gallons in 100 gallons of water per acre in combination with other insecticides or miticides registered for use on these crops

**COFFEE** For control of Green Scale use 3.6 gallons in 100 gallons of water per acre Use only water as a diluent

**FIGS** Fig Scale – Dormant or Delayed Dormant – Dilute Spray Use 2 to 3 gallons per 100 gallons of water Apply 300 to 600 gallons of spray mix per acre Use 3 gallons of product per 100 gallons of water for severe infestations Concentrate Spray Use 4 to 6 gallons in a minimum of 50 gallons of spray per acre

**GRAPES (Dormant)** Dilute Spray Mealybug – Use 1 to 2 gallons plus the appropriate labeled rate of an insecticide registered for use on grapes for mealybug control in 200 to 300 gallons water per acre Concentrate Spray Use 1 to 2 gallons plus the appropriate labeled rate of an insecticide registered for use on grapes for mealybug control per acre in enough water for thorough coverage Suppression of Grape and Variegated



Leafhopper nymphs – Use 1 to 1.5 gallons per 100 gallons of water as a dilute spray or 1.3 gallons per acre concentrate. Mite suppression – 1 to 2 gallons per acre concentrate. Narrow range oils such as **OMNI SUPREME SPRAY** can temporarily affect surface bloom appearance without causing subsurface injury. When used for leafhopper or mite suppression within 2 days of harvest, **OMNI SUPREME SPRAY** should not be applied to grapes designated for fresh market.

**HOPS** For control of Mites and Powdery Mildew. Use 1.2 gallons of oil in 100 gallons of water per acre. **Note** Powdery Mildew. Initiate sprays at early leaf stage. Continue sprays every 10-14 days. Mite control will be effective under the same spray interval as powdery mildew sprays. Discontinue sprays at Burr development.

**OLIVES** Dilute Spray. Parlatoria Scale, Oleander Scale, Olive Scale, Black Scale, and Spider Mites – Use 1.5 gallons of product in 400 to 500 gallons of water per acre. This product may be applied post bloom (late May through June, when crawlers are present) in summer (July 15 through August) and post harvest (October through November).

**PISTACHIOS** Dormant and Delayed Dormant Applications. Soft Scale and Wintering Phytocoris – Use alone or in combination with other registered products labeled for control of Soft Scale on Pistachios.

**For concentrate applications** Use 4 to 8 gallons of **OMNI SUPREME SPRAY** in 70 to 150 gallons of water per acre. No more than 6% v/v solution is permitted as a concentrate application.

**For dilute applications** Use 5 to 10 gallons of **OMNI SUPREME SPRAY** in 250 to 500 gallons of water per acre. No more than 2% v/v solution is permitted as a dilute application. For moderate to severe insect population, the concentrate applications should be used. To enhance efficacy, apply by mid February. Applications made in January or February, especially at higher rates, may result in advanced bud break and bloom, which may increase the potential for frost damage. Do not apply the product when the orchard is not vigorous or when it is under stress.

**STRAWBERRIES** Two Spotted Spider Mites – Use product at 1.0% to 2.0% volume to volume in 60 gallons of water per acre with air assisted low volume ground application equipment or 200 gallons of water per acre with standard ground spray equipment. Application may be made during the winter months when plants are semi dormant. Do not use oil from peak bloom through peak fruiting period. Application should be made when mites are at no more than a moderate infestation level. Higher levels of mite infestations will require treatment with more effective miticides. Make applications at no less than 14 days between applications. Consult your local Extension Office for more specific local mite threshold density recommendations for this type of treatment. When using refined petroleum oils on strawberries, there will be a danger of phytotoxicity. To minimize the problem, do not apply this product when warm temperatures (75 degrees F and higher) are expected for several days after application.

In California, do not apply this product from

January 16 to May 30 in Orange and San Diego Counties and the Oxnard Plains

February 1 to June 15 in the Santa Maria Valley, and

- March 1 to June 30 in Monterey and Santa Cruz Counties

#### **TROPICAL FRUITS (Kiwi, Mango, Papaya, and Pineapple)**

**Kiwi** For control of Latania Scale, Greedy Scale, Oleander Scale, and San Jose Scale. Use 4-6 gallons of oil per 100 gallons of water per acre. Use the higher rate when scale populations are high.

**Mango** For control of Mites and Powdery Mildew. Use 1-1.5 gallons of oil in 100 gallons of water per acre.

**Papaya** For control of Mites, Powdery Mildew, Papaya Ringspot Virus. Use 0.75-1.5 gallons in 100 gallons of water per acre.

**Pineapple** For control of Mealybugs, Bud Moth, Chinese Rose Beetle. Spray. Use 1.2 gallons of oil in 100 gallons of water per acre. Dip. Use 1.2 gallons of oil in 100 gallons of water. Dip for 30 seconds.

**TOBACCO** For control of Aphids, Mites, Beetle Larvae, Leafminers, Thrips, Leafhopper, Whitefly. Use 0.75-1 gallon of oil per 100 gallons of water per acre.

#### **CITRUS (Citrus spp., Fortunella spp.)**

**ORANGES (NAVEL AND VALENCIA), GRAPEFRUIT, MANDARINS, CITRON, and OTHER CITRUS spp.** Red Scale, Yellow Scale, Citricola Scale, Purple Scale, Black Scale, and Brown Soft Scale, Whiteflies, Red Spider Mites, Pacific Spider Mites, and Two Spotted Spider Mites. Dilute Spray – Apply 1.2 to 1.4 gallons of product per acre in late summer through October. For southern California (including all coastal counties), apply 0.5 to 1.4 gallons per acre throughout the year (i.e., no timing restrictions). Do not apply to navel oranges during or after color break. Make applications in enough water for thorough coverage. Concentrate Spray – Apply in a minimum of 20 gallons per acre.

**LEMONS AND LIMES** Red Scale Yellow Scale Purple Scale Black Scale Brown Soft Scale Red Spider Mites Bud Mites and Flat Mites Dilute Spray – Apply 1 2 to 1 4 gallons Apply in late spring and late summer through December In Southern California (including all coastal counties) 0 5 to 1 4 gallons throughout the year (no timing restrictions) Make applications in enough water for thorough coverage Concentrate Spray – Apply in a minimum of 20 gallons per acre

#### ALL CITRUS VARIETIES

**Freezing Temperatures** Do not use oil spray when freezing temperatures are expected within 24 hours of the application Care should be taken in combining oil sprays with other miticides and insecticides due to the possibility of increased phytotoxicity when the combinations are applied over foliage Consult a local Agricultural Extension Service agent for advice on specific combinations

**Adjuvant Uses** This product may be used as an adjuvant with suitable insecticides or miticides that are registered for use on citrus Do not exceed a 0 4% volume to volume concentration

**Maximum Application Amounts** Do not exceed 159 pounds active ingredient per acre (in a maximum of 1500 gallons of spray mix per acre) in Texas and Florida Do not exceed 212 pounds active ingredient per acre (in a maximum of 2000 gallons of spray mix per acre) in California

**WALNUTS** Delayed Dormant Black Scale San Jose Scale Olive Scale Frosted Scale Calico Scale European Fruit Lecanium Scale Red Spider Mite Eggs and Walnut Aphid Eggs Dilute Spray – Use 2 gallons in 300 to 500 gallons of water per acre Foliar (fully expanded leaves) Spider Mites – Use 4 gallons of product per acre in 200 to 400 gallons of water per acre Concentrate Spray for delayed dormant and foliar sprays apply in a minimum of 40 gallons of water per acre Use oil only on trees that have not suffered from lack of moisture or other stressing factors during the growing season Do not apply when soil moisture is low Do not apply after husk split As an adjuvant for neutral copper compounds for control of Walnut Blight in pre and post bloom sprays Use 1 quart per 100 gallons of water as a dilute spray Follow dosages and timings on the copper product label

#### SHADE TREES SHRUBS ORNAMENTALS FLOWER AND FOLIAGE PLANTS

**Shade Trees and Shrubs including Conifers Deciduous Broadleaf Evergreens and Woody Ornamentals** Aphids Adelgids Bugs (immature) Caterpillars Eriophyid Mites Gall Mites Lace Bugs Leaf Beetle Larvae Leafminers Mealybugs Psyllids (immature) Sawfly Larvae Scales (immature) Spider Mites Whiteflies (immature) Winter Dormant Period as needed – Use 2 to 4 gallons of product per 100 gallons water  
**Note** This product may cause discoloration of Blue Spruce Do not use on Conifers or Ferns that are not tolerant to oil sprays

**Ornamental Trees Shrubs along city streets and other rights of way including Conifers Deciduous and Broadleaf Evergreens** Aphids Adelgids Bugs (immature) Caterpillars Eriophyid Mites Gall Mites Lace Bugs Leaf Beetle Larvae Leafminers Mealybugs Psyllids (immature) Sawfly Larvae Scales (immature) Spider Mites Whiteflies (immature) Winter Dormant Period as needed – Use 2 to 4 gallons of product per 100 gallons of water Summer (Foliar or Cover) as needed – Use 1 to 3 gallons of product per 100 gallons water Do not use on Christmas trees

**Roses and other Flowering Shrubs** Aphids Adelgids Bugs (immature) Caterpillars Eriophyid Mites Gall Mites Lace Bugs Leaf Beetle Larvae Leafminers Mealybugs Psyllids (immature) Sawfly Larvae Scales (immature) Spider Mites Whiteflies (immature) Winter Dormant Period as needed – Use 2 to 3 gallons product per 100 gallons water Summer (Foliar or Cover) as needed – Use 1 to 2 gallons of product per 100 gallons water

**Foliage Ornamentals & Bedding Plants** Aphids Adelgids Bugs (immature) Caterpillars Eriophyid Mites Gall Mites Lace Bugs Leaf Beetle Larvae Leafminers Mealybugs Psyllids (immature) Sawfly Larvae Scales (immature) Spider Mites Whiteflies (immature) Winter Dormant Period as needed – Use 2 to 3 gallons of product per 100 gallons water Summer (Foliar or Cover) as needed – Use 1 to 2 gallons of product per 100 gallons water

Oil removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce Always use lower dosage to test spray oil sensitive plants such as Cryptomeria Smoke Tree Chamaecyparis Juniper Japanese Holly and Spruce Red Cedar and Douglas Fir have a tendency toward sensitivity Do not spray Walnut foliage

**Restrictions** Spray no more than 4 times during the growing season use a 2 week minimum application interval Do not spray when buds have fully opened and shoot elongation is occurring Do not spray when there is obvious moisture deficit in leaves or plant is under stress For fall dormant applications reduce rate to 2 gallons oil per 100 gallons water In the state of California only limit use to American Red Oak Japanese Black Pine Dogwood Weeping Cherry Cornelian Cherry Crabapple Norway Maple Purple Leaf Plum Keep spray away from open blooms Bleaching and spotting of open blooms have been observed with some types of plants

## STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

**PESTICIDE STORAGE** Keep container well sealed Do not contaminate with water or other solutions to avoid loss of emulsification and phytotoxicity Protect from excessive heat

**PESTICIDE DISPOSAL** Do not contaminate water food or feed by storage or disposal Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

### CONTAINER DISPOSAL

**NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS)** Do not reuse or refill this container Triple rinse container (or equivalent) 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  $\frac{1}{4}$  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 Offer for recycling if available or puncture and dispose of container in a sanitary landfill or by other procedures approved by state and local authorities

**NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS)** Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into 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 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 Offer for recycling if available or puncture and dispose of container in a sanitary landfill or by other procedures approved by state and local authorities

**REFILLABLE CONTAINER** Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal empty the remaining contents from this container into application equipment or mix tank Fill the container about 10 percent full with water Agitate vigorously or recirculate water with the pump for 2 minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times Offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities

## CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

**Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product If the terms are not acceptable return the product unopened and the full purchase price will be refunded**

The directions on this label are believed to be reliable and must should be followed carefully Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices all of which are beyond the control of Helena Chemical Company (the Company) or seller In addition failure to follow label directions may cause injury to crops animals man or the environment The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company To the extent permitted by applicable laws the Company makes no other warranties of any kind expressed or implied concerning the product including no implied warranty of merchantability or fitness for any particular purpose

To the extent permitted by applicable laws the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to at Helena Chemical Company's election one of the following

- 1 Refund of the purchase price paid by buyer or user for product bought or
- 2 Replacement of the product used

To the extent allowed by law the Company shall not be liable and any and all claims against the Company are waived for special indirect incidental or consequential damages or expense of any nature including but not limited to loss of profits or income The Company and the seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and limitation of warranty liability and remedies

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