



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

37686-73

Date of Issuance:

12/7/16

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CNI Hi Supreme Spray Oil

Name and Address of Registrant (include ZIP Code):

Chem Nut, Inc.  
800 Business Park Drive  
Hwy. 82 West  
Leesburg, GA 31763

**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 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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Michael Walsh, Product Manager 11  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505P)

Date:

12/7/16

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 37686-73.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 5/6/2016

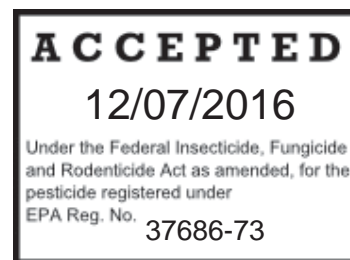
If you have any questions, please contact Michael Walsh by phone at (703) 308-2972, or via email at [walsh.michael@epa.gov](mailto:walsh.michael@epa.gov).

Attachment

# CNI HI SUPREME SPRAY OIL

Active Ingredient: Mineral Oil\* 98.5 %  
 Other Ingredients:..... 1.5 %  
 TOTAL..... 100.0 %

\*Contains petroleum distillates  
 Minimum Unsulfonated Residue ...93.5 %



**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

**See Below for Additional Precautionary Statements**

**EPA Reg. No. 37686-TG  
 EPA Est. No. \_\_\_\_\_**

**Net Contents \_\_\_\_\_ Gallons**

<b>First Aid</b>	
Have product container or label with you when calling a poison control center or doctor or going for treatment. In case of poisoning, contact your Poison Control Center at 1-800-222-1222.	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>▪ Call poison control center or doctor immediately for treatment advice.</li> <li>▪ Do not induce vomiting unless told to by poison control center or doctor.</li> <li>▪ Do not give any liquid to the person.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>▪ Hold eye open and rinse slowly and gently with plenty of water for 15-20 minutes.</li> <li>▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>▪ Call poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin with plenty of water for 15 –20 minutes.</li> <li>▪ Call poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>▪ Move person to fresh air.</li> <li>▪ If person is not breathing call 911 or an ambulance, then give artificial respiration by mouth to mouth if possible.</li> <li>▪ Call poison control center or doctor for treatment advice.</li> </ul>
<b>Note to Physician</b>	
This product contains petroleum distillates and may pose an aspiration pneumonia hazard.	

## Precautionary Statements

### Hazards to Humans and Domestic Animals

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

### Physical or Chemical Hazards

Do not store, use or spill near heat or open flame. Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

### **Personal Protective Equipment (PPE)**

Mixers, loaders, applicators, flaggers, and other handlers must wear:

1. Long-sleeved shirt and long pants.
2. Chemical-resistant gloves made of barrier laminate, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, or viton  $\geq 14$  mils.
3. Shoes plus socks.

Follow manufacturer's instructions for cleaning and 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.

### **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)].

### **User Safety Recommendations**

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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**

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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

### **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 through any type of irrigation system.

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 State/Tribal 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 and restricted-entry intervals. 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:

1. Coveralls,
2. Chemical-resistant gloves made of barrier laminate, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, or viton  $\geq 14$  mils,
3. 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 (WPS) 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.

Do not enter or allow others to enter until sprays have dried.

### Storage and Disposal

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

**PESTICIDE STORAGE:** Keep container closed when not in use. Protect from freezing. Keep in shade. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent.

**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:

**Nonrefillable Container (five gallons or less) [PLASTIC]:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (greater than five gallons) [PLASTIC]:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (greater than five gallons) [METAL]:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Refillable Container [PLASTIC]:** 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Refillable Container [METAL]:** 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. Then offer for recycling or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL INFOTRAC AT 1-800-535-5053.**

## Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast) 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 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 Application:** Apply using a nozzle height of no more than 4 feet above the ground or crop canopy. Applications must be consistent with the limitations for wind speed, temperature inversions, and droplet size indicated above.

**Airblast Application:** For airblast application, 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. Applications must be consistent with the limitations for wind speed, temperature inversions, and droplet size indicated above.

**Aerial Application:** Applications must be consistent with the limitations for wind speed, temperature inversions, and droplet size indicated above.

**Release Height:** For aerial application of agricultural products, do not release spray at a height more than 10 feet above the ground, the tops of crops, or above the orchard canopy.

**Boom Length:** The boom length must not exceed 75% of the wingspan or 90% of the rotor blade 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

**CNI Hi Supreme Spray Oil** is narrow range petroleum spray oil designed for use on pome fruit (apples and pears) and stone fruit (apricots, cherries, nectarines, peaches and plums) as a foliar or dormant/delayed dormant application. Total coverage of all parts of plants is required for optimum results. Application rates for dilute sprays (greater than 150 gallons spray solution per acre) are listed as gallons of spray oil per 100 gallons of water per acre. Concentrate applications (usually from 20 to 150 gallons per acre) are based upon dilute spray conversion of rate per acre x highest volume applied per acre. Aerial applications are used only when weather conditions do not allow ground application. Apply directed dose by air in a minimum of 20 gallons per acre. Optimum spray gallonage per acre is based upon tree or plant size, planting density, and stage of growth.

### Mixing Instructions

Fill spray tank with  $\frac{1}{2}$  the required amount of water. Add micronutrients and other compatible pesticides. If dry products are used, start agitation and mix thoroughly with water before adding oil to the spray tank. Add spray oil and continue with vigorous agitation. **CNI Hi Supreme Spray Oil** is formulated as a “fast break” spray oil, and will not stay in solution unless agitated constantly. Maintain agitation of the spray mixture until it has been applied. **DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.**

### Use Restrictions

When using **CNI High Supreme Spray Oil** in combination with other pesticides, as authorized by this label, observe all precautions, use restrictions, and other limitations on the labels for all products involved.

**Chemigation Prohibition:** DO NOT apply this product through any type of irrigation system.

### Summer Sprays

- DO NOT COMBINE WITH SULFUR SPRAYS and DO NOT APPLY spray oil within 30 days before or after an application of sulfur. Application during foliage stage within 30 days of a sulfur application will result in phytotoxicity.
- DO NOT use on foliage closer than 60 days after or 90 days before using Captan, Folpet or any other product containing sulfur products.
- DO NOT MIX with insecticides or fungicides incompatible with oil. Consult your State Agricultural Extension Service for specific compatibilities.
- DO NOT APPLY to trees weakened by disease, drought, drying winds, or high nitrogen applications.
- DO NOT APPLY **CNI HIGH SUPREME SPRAY OIL** prior to or during a period of excessively hot temperatures (> 90° F).

### Dormant Sprays

- DO NOT COMBINE dormant spray oil with SULFUR or LIME SULFUR unless the mixture has been tested on the crop and the mixture has been shown to be safe. Oil and Sulfur or lime sulfur combinations SHOULD ONLY to be used on DORMANT CROPS.

- DO NOT USE **CNI HIGH SUPREME SPRAY OIL** when temperatures are below 32° F (usually nighttime lows). Apply to crops when temperatures have warmed above 35° F and crop is free of moisture of melting frost or heavy dew.
- DO NOT MIX with insecticides or fungicides incompatible with oil. Consult your State Agricultural Extension Service for specific compatibilities.
- DO NOT APPLY to trees weakened by disease, drought, drying winds, or high nitrogen applications.

**Use Precautions**

**Summer Sprays**

- MAINTAIN CONSTANT VIGOROUS AGITATION during application to keep spray oil and water in solution.
- MULTIPLE CONCENTRATE APPLICATIONS may cause plant injury or delayed bud development.

**Dormant Sprays**

- MAINTAIN CONSTANT VIGOROUS AGITATION during mixing and application to keep spray oil and water in solution.
- CONCENTRATE APPLICATIONS can delay bud development.

**FRUIT CROPS**

**POME FRUIT: Apples and Pears**

PESTS	APPLICATION RATE & TIMING	FURTHER USE INSTRUCTIONS
San Jose Scale, Brown Apricot Scale, Italian Pear Scale, Parlatoria Scale, Oleander Scale, Pear Psylla, Aphids, Mites	<p><b>DORMANT OR DELAYED DORMANT:</b>  <b>Dilute Spray:</b> Apply from 2 - 4 gallons of oil per 100 gallons of water.  <b>Concentrate Spray:</b> Apply 5 - 8 gallons of oil per acre in minimum 50 gallons per acre.</p> <p><b>FOLIAR APPLICATION:</b>  <b>Dilute Spray:</b> Apply 200 – 800 gallons of spray solution per acre using 0.5 - 1.5 gallons of oil per 100 gallons of water.  <b>Concentrate Spray:</b> Apply 5 - 8 gallons of oil per acre in minimum 50 gallons of water per acre.</p>	Do not apply to oil sensitive varieties due to fruit russetting or phytotoxicity to plant foliage or wood.



**STONEFRUITS: Apricots, Cherries, Nectarines, Peaches, Plums and Prunes**

PESTS	APPLICATION RATE & TIMING	FURTHER USE INSTRUCTIONS
San Jose Scale, Brown Apricot Scale, Italian Pear Scale, Parlatoria Scale, Oleander Scale, Aphids, Mites	<p><b>DORMANT OR DELAYED DORMANT:</b>  <b>Dilute Spray:</b> Apply 200 - 800 gallons of spray solution per acre using 1 - 1.5 gallons of oil per 100 gallons of water.  <b>Concentrate Spray:</b> Apply 5 - 8 gallons of oil per acre in minimum 50 gallons per acre.</p> <p><b>FOLIAR APPLICATION:</b>  <b>Dilute Spray:</b> Apply 200 – 800 gallons of spray solution per acre using 0.5 - 1.5 gallons of oil per 100 gallons of water.  <b>Concentrate Spray:</b> Apply 5 - 8 gallons of oil per acre in minimum 50 gallons of water per acre.</p>	Do not apply to oil sensitive varieties due to fruit russetting or phytotoxicity to plant foliage or wood.

**NOTICE**

**CNI WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. 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 IAP. TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, IN NO CASE SHALL IAP BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, EXCEPT AS EXPRESSLY PROVIDED HEREIN, CNI MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE WITH REGARD TO THE PRODUCT SOLD, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.**

**Formulated for:**  
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