



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7505P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Reg. Number:

Date of Issuance:

34704-353

AUG 31 2010

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:

**SUPERIOR 70 OIL**

Name and Address of Registrant (include ZIP Code):

Loveland Products Inc.  
 P.O. Box 1286  
 Greeley, CO 80632-1286  
 ATTN: Edith Emory, Registration Specialist

5881301 5855668  
 676/ 676/1140  
 5881298  
 5881300 676/1130  
 5881298  
 676/1130 5881298  
 676/1130 676/1130

**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 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.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered 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.

The Confidential Statement of Formula (CSF) dated "5 Aug 10" for the "Basic Formulation" is accepted and replaces all CSFs previously accepted for this product.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments in this letter.

**See page 2 for required label changes.**

Submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. If you have any questions, contact William Jacobs at 703-305-6406 or [jacobs.bill@epa.gov](mailto:jacobs.bill@epa.gov).

Signature of Approving Official:

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

Date:

AUG 31 2010

**Label Changes for EPA Reg. No. 34704-353**

The comment below applies to the label coded "EXP D 0809" submitted for reregistration of this product and received by the Office of Pesticide programs on August 5, 2010.

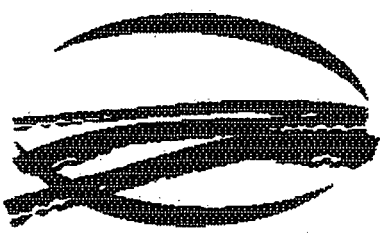
1. In the instructions pertaining to "SPRAY DRIFT MANAGEMENT" (pages 3 and 4), remove the bold font from the subheadings pertaining to specific application methods (i.e., replace "GROUND SPRAY APPLICATIONS" with "GROUND SPRAY APPLICATIONS", "AIRBLAST APPLICATIONS" with "AIRBLAST APPLICATIONS", and "AERIAL APPLICATIONS" with "AERIAL APPLICATIONS" (as on the label for EPA Reg. No. 34707-319).

**Label Changes for SLN No. HI-910008**

These comments apply to the label with the issuance data of "August 8, 2006".

1. In the sentence "ALL APPLICABLE DIRECTIONS ... FOLLOWED" paragraph, replace "EPA REGISTERED LABEL ARE TO BE" with "LABEL FOR EPA REG. NO. 34704-352 MUST BE".
2. In the next sentence, change "APPLICATIAON" to "APPLICATION".

This registration is set to expire on August 7, 2011. The label for EPA Reg. No. 34704-353 permits use of the parent Section 3 product on coffee in Hawaii (only) with similar application directions to those on the label for SLN. No. HI-910008.



# SUPERIOR 70 OIL

ACCEPTED  
With COMMENTS  
In EPA Letter Dated:  
AUG 31 2010

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:  
**34704-353**

<b>ACTIVE INGREDIENT:</b>		
Mineral Oil*	.....	97.0%
<b>INERT INGREDIENTS:</b>	.....	3.0%
	<b>TOTAL</b>	<b>100.0%</b>

\*Contains petroleum distillates  
**Petroleum Oil Specifications:**  
Unsulfonated Residue—92% Minimum  
Viscosity—70 Seconds

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Information.

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give any liquid to a person.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</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 water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a 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, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further 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 immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>NOTE TO PHYSICIAN:</b> This product contains petroleum distillates and may pose an aspiration pneumonia hazard.  <b>FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.</b>            Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

EPA REG. NO. 34704-353

EPA EST. NO. 011800-CA-004

NET CONTENTS 30 GALS. (113.5 L)

EXP D 0809

**SUPERIOR 70 OIL  
EPA REG. NO. 34704-353**

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

Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse.

**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 E on the 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 made of barrier laminate, nitrile rubber, neoprene rubber or viton.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**Engineering controls statements:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with 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.

Enclosed cockpits: 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:**

- 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.

**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.

**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. Do not apply this product through any type of irrigation system. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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**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 4 hours.**

PPE required for early entry to treated areas that is permitted under the Work 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.

**NONAGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard 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.

**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 SPRAY APPLICATIONS**

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

**WIND SPEED:** Do not apply at wind speeds greater than 15 mph at the application site.

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

**AIRBLAST APPLICATIONS**

For 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**

**RELEASE HEIGHT:** For aerial applications of agricultural products, do not release spray at a height greater than 10 feet above the ground, top 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.

**WIND SPEED:** Do not apply at wind speeds greater than 15 mph at the application site.

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

**Directions for Mixing:** Fill the spray tank about one-third full of water, start the agitator and pour in the required amount of this product. If other spray materials are to be used with the oil, mix the other materials thoroughly with the water in the spray tank first, and then add the oil as the filling of the tank is being completed. Do not use in undiluted form.

**Important:** Spray on warm days in later Winter or early Spring, and before the buds separate into the clusters. Do not spray in freezing weather, or apply strong dosages after the buds have burst to any extent. Do not apply when buds have separated in the clusters.

Do not apply within 2 weeks of sulfur spray or within 7 days of captan.

Do not use if this spray oil does not emulsify. Correct emulsification is indicated if, when this product is added to the water in the spray tank, a uniform milk-white spray mixture results, provided the spray mixture is being agitated. If the spray mixture, after adding the oil to the spray tank with the agitator running, is not milk-white, do not use the resulting spray or the remainder of this product.

When a gun has been shut off or the outfit stopped for any length of time, spray on the ground for a few moments until the spray appears creamy white. This is desirable also where there are dead ends in the pipe lines of stationary outfits. All the material in stationary outfits should be sprayed out each day.

**APPLES, PEARS:** Apple Red Bug, European Fruit Lecanium Scale, San Jose Scale—Apply 2 gallons per 100 gallons of water in the delayed dormant stage. Fruittree Leafroller, Scurfy Scale—Apply 3 gallons per 100 gallons of water in the delayed dormant stage. European Red Mite—Apply 2 gallons per 100 gallons of water in the green tip to delayed dormant stage. Pear Leaf Blister Mite—Apply 3 gallons per 100 gallons of water in the dormant stage. Pear Psylla—Apply 2 gallons per 100 gallons of water in the late dormant stage.

**APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES—Dormant or Delayed Dormant:** European Red Mite, San Jose Scale, European Fruit Lecanium Scale, Eggs of Aphids—1½ to 2 gallons per 100 gallons of water in the delayed dormant stage. Terrapin Scale—Use 3 gallons per 100 gallons of water in the delayed dormant stage.

**BANANAS:** Black Leaf Streak (*Mycosphaerella fijiensis*)—Use 1½ gals. in 6 gals. water per acre as a mist blower application. For better coverage, use 1 to 1½ gals. in 20 to 100 gals. water per acre. Bag fruits or avoid direct spraying on unbagged fruits. Apply every 10 to 15 days during rainy periods or as necessary for disease control.

**COFFEE\*:** For control of Green Scale Insect: Apply SUPERIOR 70 OIL at the rate of 3 to 6 gallons per acre in 100 to 300 gallons of spray mixture per acre. Use only water as diluent. Apply when insects appear and treat as necessary at 30 to 60 day intervals. Do not exceed 18 gallons of oil per acre in a growing season. Do not apply, within 30 days of harvest when the berries are handpicked. Oil residue may make picking difficult. Do not apply this product through any type of irrigation system. Phytotoxicity may be affected by the quantity of oil used, vigor of trees and temperature at the time of application.

\*For use in Hawaii only.

**ORNAMENTALS AND SHADE TREES (Conifers [see note], Holly, Pyracantha, Sycamores, Hawthorn, Flowering Peach, Flowering Cherry, Apple, Magnolia, Maple, Dogwood, Oak, privet, Birch):** Soft Brown Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, San Jose Scale, Red Spider Mites and Eggs—1 gallon to 100 gallons of water. Dormant Spray on Deciduous Varieties—2 gallons per 100 gallons. Dormant Spray on Other Varieties—1 gallon per 100 gallons of water. Note: May cause discoloration of Blue Spruce. Do not use in conifers or ferns not tolerant to oil sprays.

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**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not store below 32°F, (0°C). Do not use or store near heat, open flame or hot surfaces. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. **Keep oil container tightly closed in storage to prevent entry of water.**

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

**Nonrefillable container:** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at [www.acrecycle.org](http://www.acrecycle.org). If not recycled, then 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. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**For packages up to 5 gallons: 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 ¼ 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. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 56 gallons:** 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.

**For refillable containers:** 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

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***Storage & Disposal cont'd.:***

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 or reconditioning, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**BEFORE BUYING OR USING THIS PRODUCT**, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

**FORMULATED FOR**



**P.O. BOX 1286, GREELEY, COLORADO 80632-1286**