

67727-4

08/15/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Margery M. Exton  
Agent of Record  
D-I-14 a Division of 1,4Group, Inc.  
P.O. Box 860  
Meridian, Idaho 83680-0860

AUG 15 2007

**Subject: 1,4SHIP**  
**Reg. No: 67727-4**

**Your Application of Notification dated May 31, 2007 proposing enlarged poster image of directions for use including symbols and graphics for use as visual aide in application areas**

Dear Ms. Exton:

The Biopesticides and Pollution Prevention Division (BPPD) is in receipt of the above referenced application (per PR Notice 98-10) notifying the Agency of proposed enlarged poster image of directions for this product, including symbols and graphics, for use as visual aide in application areas.

We have reviewed the image and determined it to be **acceptable** via notification per PR Notice 98-10. Our records have been duly noted. The label submitted with this application has been stamped "Notification Received but not Reviewed. We will add your application package and related documents to the Agency's record for this product.

If you have questions, or need additional information about this decision, please contact: Cheryl Greene, 703 308 -0352, Email: [greene.cheryl@epa.gov](mailto:greene.cheryl@epa.gov).

Sincerely,

*Linda A. Hollis*

Linda Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention Division

CONCURRENCES

SYMBOL >	7511P	7511P						
USERNAME >	Greene <i>14</i>	<i>Bye</i>						
DATE >	August 13, 2007	<i>8/14/07</i>						



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

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

S811141

**Application for Pesticide - Section I**

1. Company/Product Number 67727-4/1,4Ship		2. EPA Product Manager D. Greenway		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
4. Company/Product (Name) D-I-1-4, a division of 1,4Group, Inc.		PM# 90			
5. Name and Address of Applicant (Include ZIP Code) D-I-1-4, a division of 1,4Group, Inc. P.O. Box 860 Meridian, ID 83680-0860 <input type="checkbox"/> 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 _____		

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

Notification of use of symbols & graphics via Usage Poster, per PR Notice 98-10, section II H. 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 U.S.C. 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 product 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 <input type="checkbox"/> Yes <input type="checkbox"/> No		Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container	
2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____			3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		
4. Size(s) Retail Container			5. Location of Label Directions		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

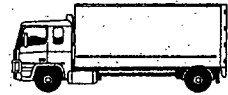
**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Margery M. Exton		Title Agent of Record		Telephone No. (Include Area Code) (703) 221-6639	
<p align="center"><b>Certification</b></p> <p>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 of both under applicable law.</p>					6. Date Application Received  (Stamped)
2. Signature 			3. Title Agent of Record		
4. Typed Name Margery M. Exton			5. Date 5/31/07		

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Labeling To Be On Outer Box  
**1,4SHIP™**  
Ready-To-Use Aerosol  
Potato Dormancy Enhancer



For Use on Potatoes Prepared for Transportation

Active ingredient: 1,4-Dimethylnaphthalene*	By Weight
Other ingredients:	63.8%
TOTAL	36.2%
	100%

\* Contains 3.83 ounces active ingredient per can.

**Keep Out of Reach of Children**  
**WARNING**

**PRECAUTIONARY STATEMENTS**  
Hazards to Humans and Domestic Animals

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. May be harmful if inhaled. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Avoid contact with skin. Avoid breathing spray mist or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**First Aid**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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.

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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 Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Emergency Information**

For spill, leak, fire, exposure, or accident call PERS 1-800-633-8253.

**Physical or Chemical Hazards**

Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130 °F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.

**NOTIFICATION**



Received But Not Reviewed  
AUG 15 2007

Date: \_\_\_\_\_  
Initial: MA **HIGHLY FLAMMABLE INGREDIENT**  
**INGREDIENTE ALTAMENTE INFLAMABLE**

**Do Not Smoke During Application or Near Treated Area!**  
**Net Contents 6 ounces**

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Manufactured For:  
D-I-1-4, a division of 1,4Group, Inc.  
P.O. Box 860  
Meridian, ID 83680-0860 USA

EPA Reg. Number 67727-4  
EPA Est. Number 06572-ID-001  
Product of Japan  
Revision 2

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### STORAGE AND DISPOSAL

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

##### PESTICIDE STORAGE

- Store product in unopened, labeled packaging. Do not store product near or expose product to sources of heat, including open flame, sparks, welding operations, etc.

##### 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

- Do not puncture or incinerate. Discard container in trash.

### NOTICE

- 1,4SHIP™ is a ready-to-use aerosol which enhances the dormancy of potatoes prepared for transportation.
- During and for 30 minutes after the application, do not smoke, weld, cut metal, or allow open flame, high temperature surfaces, or other ignition sources to be near the treated area.
- Applicators and other handlers must wear: long-sleeved shirt, long pants, shoes, socks, protective eyewear (goggles or face shield), and chemical resistant (such as nitrile or butyl) gloves.
- When either a rail car or cold storage room is treated with more than one can, applicators and other handlers must additionally wear a respirator. Refer to the reentry statement below for acceptable respirator type.
- For reentry into treated areas during application or within 30 minutes post-application, for **emergencies** only, workers must wear: coveralls over long-sleeved shirt, long pants, shoes plus socks, and chemical resistant (such as nitrile or butyl) gloves; face-sealing goggles, unless a full-face respirator is worn; and a respirator with an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.
- 1,4SHIP™ is a short term dormancy enhancer which will not adversely affect eventual germination of seed potatoes.
- Let 60 days elapse before using a treated area as storage of seed potatoes. Air system and building must be thoroughly ventilated before area is used for storage of seed potatoes.
- Do not allow vapors to come in contact with storage areas used for seed potatoes within 60 days of their planting.

### APPLICATION OF 1,4SHIP™

(Can graphic to be inserted here - See attached image.)

1. Fill the area to be treated (truck, rail car, shipping container, or cold storage room) with potatoes and close all but the exit door.
2. Turn off all electrical equipment (air circulators, refrigeration, etc.) in the treatment area prior to application. Turn off lighting in treatment area, and allow to cool prior to application.
3. Remove top portion of box by pulling the separator at the arrow symbol. Take out the enclosed 1,4SHIP™ tag and note the date and time of application on the space provided.
4. Position the box(es) containing the can(s) in opposite corners of the treatment area, so vapors will be dispersed throughout the area. In trucks, place box(es) at the end farthest away from the refrigeration unit (near doors).
5. Remove the back side of the double-sided tape and adhere the box containing the can to an inside cargo wall, in an area with some open volume of air around it.
6. Without removing the can from the box, remove the can cap and depress the trigger until it locks.
7. Immediately leave the area and close the exit door.
8. Feed a door seal through the 1,4SHIP™ tag and affix the seal to the exit door.
9. Do not open or enter treated area for at least 30 minutes. Do not start any electrical system within the cargo

area for at least 30 minutes.

10. It is advantageous to keep the treated area closed as long as practical to allow for maximum product absorption into the potatoes.

**APPLICATION TIMING AND RATE**

Application of 1,4SHIP™ can be made anytime after the potatoes are removed from storage, prepared for shipment, and placed either in a truck, sea-going shipping container, rail car, or a cold storage room. Do not exceed recommended maximum number of cans. At the maximum use rate, this can will treat 20,000 lbs (200 cwt) of potatoes.

1. In trucks and shipping containers, apply at the rate of up to 2 cans per 40,000 lbs (400 cwt) of potatoes.
2. In rail cars, apply at the rate of up to 6 cans per 120,000 lbs (1200 cwt) of potatoes.
3. In cold storage rooms, apply at a maximum rate of 1 can per 1500 cubic feet and 20,000 lbs (200 cwt) of potatoes.

1 cwt. = 100 lbs = 2.5 cubic feet; 1 ton = 20 cwt.

**CONDITIONS OF SALE**

1,4Group, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to manufacturer, and buyer assumes the risk for any such use.

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# Labeling To Be On Can 1,4SHIP™

Active ingredient: 1,4-Dimethylnaphthalene*	By Weight	63.8%
Other ingredients:		36.2%
<b>TOTAL</b>		<b>100%</b>

\* Contains 3.83 ounces active ingredient per can.

EPA Reg. Number 67727-4

Follow the Directions for Use as labeled on the outer carton when applying this product.

## Keep Out of Reach of Children

### WARNING

#### PRECAUTIONARY STATEMENTS

##### Hazards to Humans and Domestic Animals

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**HIGHLY FLAMMABLE**

**INGREDIENT**

**INGREDIENTE ALTAMENTE INFLAMABLE**

Labeling To Be On 1,4SHIP™ Tag

(will be enclosed in box, and  
hole-punched with a reinforced grommet)



**1,4SHIP™ Application**

Do Not Open Or Enter  
Until 30 Minutes From

Date \_\_\_\_\_ &  
Time \_\_\_\_\_

Can Graphic for Use on 1,4SHIP Label

