

62097-10

09/02/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

September 2, 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Frederick T. Smith
Senior Regulatory Specialist
SciReg, Inc.
12733 Director's Loop
Woodbridge, VA 22192

RE: Product Name: Florgib® 4L
EPA Reg. No: 62097-10
Application for Label Notification Dated July 29, 2009 to update the
storage and disposal and warranty disclaimer and limitation of liability
statements

Dear Mr. Smith:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at adams.menyon@epa.gov.

Sincerely,

Linda Hollis

Linda Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)



United States
Environmental Protection Agency
Washington, DC 20460

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

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 62097-10	2. EPA Product Manager L. Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Florgib 4L	PM# 90	
5. Name and Address of Applicant (Include ZIP Code) Fine Agrochemicals Ltd. Hill End House Whittington, Worcester WR5 2RQ UK <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. _____ Date Reviewed: <u>09/02/09</u> Product Name _____ Reviewed By: <u>MKA</u>	

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 label changes per PR Notices 98-10 and 2007-4. This notification is consistent with PR Notice 98-10, the guidance in PR Notice 2007-4, and EPA regulations at 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156, and no other changes have been made to the labeling or the confidential statement of formula for 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 Notices 98-10 and 42007-4, 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156, 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 checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
Certification must be submitted		If "Yes" Unit Packaging wgt. No. Per Container	If "Yes" Package wgt. No. Per Container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 1 gal	5. Location of Label Directions <input checked="" type="checkbox"/> On label. <input type="checkbox"/> On label accompanying product.	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" 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 Frederick T. Smith	Title Agent	Telephone No. (Include Area Code) (703) 494-6500
Certification I certify that the statements which 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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Agent (SciReg, Inc.)	
Typed Name Frederick T. Smith	5. Date 7/29/09	

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SciReg, Inc.
Science and Regulatory Consultants

July 29, 2009

Ms. Linda Hollis
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Dr.
Arlington, VA 22202-4501

Re: Florgib 4L (EPA Reg. No. 62097-10)
- Notification consistent with PR Notices 98-10 and 2007-4

Dear Ms. Hollis:

On behalf of Fine Agrochemicals Ltd., enclosed please find five copies of a revised label for Florgib 4L (EPA Reg. No. 62097-10), one of which is highlighted to show the changes.

If you have any questions or comments, please let me know.

Sincerely,



Frederick T. Smith
Senior Regulatory Specialist

Enclosures

FLORGIB® 4L

Plant Growth Regulator Solution

Active Ingredient:	Gibberellic Acid (A ₃)	4%
Other Ingredients:		96%
Total:		100%

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

FLAMMABLE – Keep away from heat and open flame

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail).

EPA Registration No. 62097-10

EPA Est. No.

NET CONTENTS: 1 Gallon (3.78 L)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 (National Pesticide Information Center) for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

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 C on an EPA chemical-resistance selection chart.

Applicators and other handlers must wear:

- * Long pants
- * Long-sleeved shirt
- * Shoes plus socks
- * Protective eyewear
- * Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton

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

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, chewing gum, using tobacco or using the toilet.

PHYSICAL AND CHEMICAL HAZARDS

FLAMMABLE - Keep away from heat and open flame. FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, 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 wash waters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labelling. 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 requirement specific to your state or tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labelling 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 the label about personal protective equipment (PPE) and restricted entry intervals. The requirements in this box only apply to uses of this product covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval level (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:

- *Coveralls
- *Shoes plus socks
- *Protective eyewear
- *Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.

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 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 treated areas without appropriate protective clothing until sprays have dried.

GENERAL INFORMATION

- Use only as directed. The label should be read thoroughly and understood before making applications. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions and with specific varieties.
- The term 'grams of active ingredient per acre' is represented by 'g ai/acre' throughout this product label.
- All parts of the plant or crop should be covered by the spray to obtain the desired result.
- Prepare solution concentrations by mixing the required amount of product with water only in a clean empty spray tank.
- Any unused spray material at the end of the day must be disposed of following local, State or Federal law.
- When a range of rates is indicated use the concentration and spray volume recommended locally. Consult your local experimental station or distributor for spray program best suited to your conditions.
- FLORGIB 4L works best when using water of neutral or slightly acidic pH. Water should always have a pH of less than 8.5.
- Absorption of FLORGIB 4L into the plant is greatest under slow drying conditions. Night-time applications will be more effective when day-time conditions cause rapid drying. FLORGIB 4L should be re-applied if significant rain occurs within 2 hours of application
- Data concerning the compatibility of FLORGIB 4L is not available.

APPLICATION GUIDE

Bermuda Golf Turf - Application of FLORGIB 4L can be used to initiate or maintain growth and prevent color change during periods of cold stress. Make one application of 10 g ai weekly or 25 g ai in 25 – 100 gallons of water/acre every 2 weeks. Do not exceed these recommended doses or reduce the time interval between applications. Do not apply during extended warm periods if night temperatures exceed 65°F. Continue good ground keeping practice and stop treatment if thinning of the grass occurs. Do not use on dormant turf.

Pompom Chrysanthemums - Application of FLORGIB 4L elongates the peduncles. Make one application of 0.5 – 1 g ai in 12 gallons of water 28 – 35 days after initiation of short day program. Apply this solution over 1000 sq.ft. of bed using overhead nozzles directed at the flower buds. Apply at the correct timing and do not overdose as this can cause long, spindly, weak stems.

Statice - Application of FLORGIB 4L promotes early flowering and increases flower yield. Make one application of 40 – 50 g ai in 25 gallons of water when plants are more than 10 inches in diameter (approx. 90 – 110 days after planting). Apply 10 ml of spray as a drench to each plant. Do not exceed the recommended dose or repeat treatment. Initiation of flowering is influenced by extended photo-period, nutrition and reduced night temperature. Treatment with FLORGIB 4L lessens the need for reduced night temperature and long photo-period.

Cala Lillies (*Zantedesia* sp.) – Application of FLORGIB 4L by soak, spray or field drench increases flowering, controls height, and shortens days to flowering. As a soak, use a 100 ppm to 500 ppm solution. Spray applications are generally made at concentrations between 50 and 100 ppm to plants to stimulate flowering. Field drench is made over the planted bulbs at 100 - 500 ppm. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

Tropical Foliage – For application to plants such as *Aglaonema commutatum*. Apply FLORGIB 4L to induce uniform flowering. Recommended dosages range from 100 – 400 ppm applied as a spray solution to runoff. Generally, treatment is used to induce flowering so breeding and cross pollinations can be carried out. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

Geranium (*Pelargonium* sp.) - Application of FLORGIB 4L to rooted cuttings will stimulate root growth and development when added directly to hydroponic nutrient solution. Applications of between 0.5 ppm and 50 ppm are recommended to increase productivity and produce other desirable plant characteristics. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

Dieffenbachia sp. - Application to foliage will stimulate flowering for breeding and other purposes. Applications between 250 and 1000 ppm stimulate the production of flowers, increasing the flexibility of breeding programs and frequency of flowers to be used to produce hybridized variants. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

Spathiphyllum sp. - Application to foliage will stimulate flowering for breeding and other purposes. Applications between 250 and 1000 ppm stimulate the production of flowers increasing the flexibility of production and the ability to sell plants in flower. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

Cyclamen sp.- Application to the foliage will favorably alter the vegetative and reproductive development of the plants. Foliar applications of between 25 and 250 ppm will affect the vegetative and reproductive growth of the plant, thus reducing the days to flowering and enhancing production. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions.

Poinsettia – Application to poinsettia is used to influence flowering. Foliar applications to plants of between 10 and 50 ppm can be used. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions and specific varieties.

Caladium sp. – Application will influence flowering. Soaking bulbs in solutions of between 250ppm and 1000ppm will produce a favorable result. For best results, trials should be conducted to determine desired rates and timings for optimum responses under local growing conditions and specific varieties.

CONVERSION TABLES

GRAMS OF AI PER ACRE

FLORGIB 4L is a 4% active ingredient liquid. For each gram of active ingredient required, use 1 oz of FLORGIB 4L.

Grams ai per acre	FLORGIB 4L per acre
0.5	0.5 oz
1.0	1.0 oz
5.0	5.0 oz
10.0	10 oz
16.0	16 oz
20.0	20 oz
32.0	32 oz
40.0	40 oz
48.0	48 oz

PARTS PER MILLION

Desired ppm	Cups of FLORGIB 4L per 100 gallons	Quarts of FLORGIB 4L per 100 gallons
50	2.5	-
100	5	1.25
200	10	2.5
300	15	3.75
400	20	5.0
500	25	6.25

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep containers tightly closed when not in use.

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: Nonrefillable container. Do not reuse or refill this container.

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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.

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United Kingdom

FLORGIB® 4L is a registered trademark of Fine Agrochemicals Ltd.

NOTIFICATION

Date Reviewed: 09/02/09

Reviewed By: MK4