



63310-22

05/10/2005

1/5

Use read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 63310-22	2. EPA Product Manager	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) IBA WATER SOLUBLE SALTS	PM#	
5. Name and Address of Applicant (Include ZIP Code) HORTUS USA CORP 245 West 24th Street New York NY 10011 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NC-11111-1</u> Product Name <u>IBA WATER SOLUBLE SALTS</u> Date Reviewed <u>5/10/05</u> Reviewed By <u>[Signature]</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 CHANGE OF PRIMARY BRAND NAME PER PR NOTICE 98-10.
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR152.46, and no other changes have been made to the labeling of 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 40CFR152.46, this may be a violation of FIFRA and I may be subject to enforcement action under sections 12 and 14 of FIFRA
Change PRIMARY BRAND NAME
FROM: IBA WATER SOLUBLE SALTS (20%)
TO: HORTUS IBA WATER SOLUBLE SALTS (20%)

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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	Metal Plastic Glass Paper 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 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 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 Joel Kroin	Title President	Telephone No. (Include Area Code) 212-929-1626
2. Signature 		3. Title President
4. Typed Name Joel Kroin		5. Date 1/3/05 7/29/2004
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 both under applicable law.		6. Date Application Received (Stamped)



Hortus USA Corp. 2/5

245 WEST 24TH STREET
NEW YORK NY 10011 USA
(212) 929 - 1626 • FAX (212) 929 - 0927
support@hortus.com • rooting-hormones.com

Primary Supplier of Plant Rooting Products

January 2, 2005

Notification
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U S Environmental Protection Agency
Ariel Rios Bldg
1200 Pennsylvania Ave NW
WASHINGTON DC 20460

Product Name: **IBA WATER SOLUBLE SALTS (20%)**
Product Number: **63310-22**

We are changing the PRIMARY BRAND NAME of this product *from*:
IBA WATER SOLUBLE SALTS (20%)

We are changing the PRIMARY BRAND NAME of this product *to*:
HORTUS IBA WATER SOLUBLE SALTS (20%)

Dear Desk Officer,

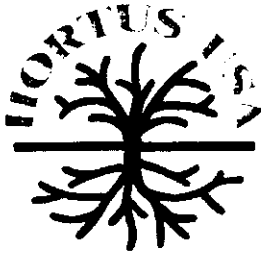
Last July 29, 2004 we send to you a "NOTIFICATION" to change the name of our product. We never received a confirmation from you of the change. We now notice that we sent the forms to a very old address EPA which was changed some time ago.

Enclosed is a copy of our Product Name Notification Letter. Please change the name of our product in your database and files.

Thank you for your kindness and wishing you all the best for the New Year.

Yours very truly,

Joel Kroin
President



Hortus USA Corp.

3/5

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NEW YORK NY 10011 USA
(212) 929 - 1626 • FAX (212) 929 - 0927
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Primary Supplier of Plant Rooting Products

July 29, 2004

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U S Environmental Protection Agency
401 M Street SW
Washington DC 20460-0001

**NOTIFICATION OF CHANGE OF PRIMARY BRAND NAME
PER PR NOTICE 98-10.**

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR152.46, and no other changes have been made to the labeling of 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 40CFR152.46, this may be a violation of FIFRA and I may be subject to enforcement action under sections 12 and 14 of FIFRA

Product Name: **IBA WATER SOLUBLE SALTS (20%)**
Product Number: **63310-22**

We are changing the PRIMARY BRAND NAME of this product *from*:

IBA WATER SOLUBLE SALTS (20%)

We are changing the PRIMARY BRAND NAME of this product *to*:

HORTUS IBA WATER SOLUBLE SALTS (20%)

Enclosed is a revised copy of the US EPA approved label with the product name changed.

Yours very truly,

Joel Kroin
President

HORTUS
IBA
Water Soluble
Salts™ (20%)

Plant Growth Regulator - Rooting Hormone

- Propagate New Plants by Rooting Cuttings.
- Improve Transplanting.
- Promote Root Regeneration.
- Improve Plant Growth & Flower Yields.
- Build Root Mass.

Use on house, tropical, herbaceous, perennial and foliage plants, hardy ornamental plants, trees & shrubs, evergreen and deciduous plants.
 Use in Greenhouses and Nurseries Only

NOTIFICATION

Label reviewed: 5/10/05

Reviewed By: Jellard

Active Ingredients:
 Indole-3-butyric Acid ...20.0%
 Inert Ingredients...80.0%
 Total...100.0%

Registered by
HORTUS USA CORP.
 245 West 24 Street
 New York NY 10011

Contents: 1 kg
 (Equal to .2 kg 100% IBA)
 EPA Reg #63310-22
 EPA Est #63310 HL-001

Keep Out Of Reach Of Children
CAUTION

See Additional Precautionary Statements on Back Panel

Use Hortus IBA Water Soluble Salts (20%) to propagate new plants from cuttings. The new plants will have the same characteristics as the parent plant.

Treated cuttings will expect to produce uniform roots all around the basal end of the cuttings; the results are beautiful symmetric plants.

Hortus IBA Water Soluble Salts (20%) dissolve easily in WATER up to 60,000 ppm IBA.

Hortus IBA Water Soluble Salts (20%), are easier to measure accurate concentrations than 100% IBA salts due to percentage formulation.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with labeling. For any requirements specific to your State or Tribe, consult the agency responsible.

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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 labeling about personal protective equipment and restricted-entry intervals.

The requirements in this box only apply to the uses of this product that are covered by the Workers Protection Standard (WPS).

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.

**THE RESTRICTED-ENTRY INTERVAL (REI)
 FOR THIS PRODUCT IS "0" HOURS.**

RATE DETERMINATION

A wide dosage range is indicated for most uses of this product. The ideal rate will vary according to specific plant variety and local growing conditions. To assure compatibility of this product under the specific growing conditions and to determine the dosage rate best suited for your growing conditions. It is necessary that you test a few plants at varying rates within the specified dosage range prior to large scale operations. If combined with other plant regulators, test varying rates of each product. If foliar application causes phytotoxicity, try soil applications or decreased rates.

Always use the lowest possible concentration of Hortus IBA Water Soluble Salts to produce the desired effect

PREPARING A HORTUS IBA WATER SOLUBLE SALT (20%) SOLUTION

Hortus IBA Water Soluble Salts contain 20% IBA. When calculating parts per million (ppm) IBA use five times the weight of Hortus IBA Water Soluble Salts (20%) compared to 100% IBA.

Mix a portion of the solution for the same day use. Dispose of un-used portion as described in the 'storage and disposal' statements on this label.

Container: Use plastic not metal.

Temperature: Dissolve at 68F-85F.

Water: Mix Hortus IBA Water Soluble Salts (20%) with WATER only.

To avoid precipitation problems with the solutions use distilled or demineralized water not tap water. Do not dissolve salts in other solvents.

The following table illustrates typical concentrations from 500 to 10,000 ppm IBA

Final Conc. ppm IBA	Weight of Salts per Liter of Solution (dissolve in WATER)			
	Weight of Hortus IBA WATER SOLUBLE SALTS (20%) per liter of water		Equivalent weight of 100% IBA	
	mg	gram	mg	gram
100	500	0.5	100	0.1
200	1000	1.0	200	0.2
300	1500	1.5	300	0.3
400	2000	2.0	400	0.4
500	2500	2.5	500	0.5
600	3000	3.0	600	0.6
700	3500	3.5	700	0.7
800	4000	4.0	800	0.8
900	4500	4.5	900	0.9
1,000	5000	5.0	1,000	1.0
5,000	25,000	25.0	5,000	5.0
10,000	50,000	50.0	10,000	10.0

To make a 10,000 ppm IBA stock solution (10,000 mg/liter or 1 percent stock solution) dissolve 50.0 grams of Hortus IBA Water Soluble Salts (20%) in one liter of water.

To make a one liter (1000 ml) of a 1000 ppm IBA working solution from a 1 percent stock solution add 100 ml of the 1 percent stock solution to 900 ml of water.

4/5

PROMOTE ROOTING OF PLANT CUTTINGS

Use to propagate new plants from cutting- from those easy to root to the most difficult to root.

EASY STEPS

1. Take plant cuttings, usually stem cuttings.
2. For woody cuttings usually wound by making a 3/4" notch at basal end.

3. Apply to plant cuttings by convenient methods:

Total Immerse: Completely immerse several cuttings at a time for a few seconds then plant.

Quick Dip: Immerse basal end of cuttings for a few seconds then plant.

Spray Drip Down™: Plant many cuttings in trays then spray cuttings until drips down.

Immersion Method: Immerse basal end of cuttings for a few hours then plant.

4. Take care of cuttings as appropriate for the plant variety.

Control watering, temperature, humidity, light and other environmental factors. Observe and control external factors such as insects and fungus.

Use the minimum concentration to achieve results. (Excessive concentration may inhibit root formation).

IMMERSION METHOD

Immerse basal end then plant.

Immerse basal end of cuttings approximately 1" in solution for 4 to 12 hours. Plant immediately.

Herbaceous and Woody Cuttings, including hard to root cuttings and rootstocks: 50-150 ppm IBA

QUICK DIP METHOD

Immerse basal end then plant.

Immerse basal end of cuttings approximately 1" in solution a few seconds. Plant immediately.

Herbaceous Cuttings, Tropical Plants, House Plants, Roses, etc.: 150-500 ppm IBA

Chrysanthemum: 200-500 ppm IBA.

Softwood Cuttings: 500-1000 ppm IBA.

Hardwood Cuttings: 500-2000 ppm IBA.

Difficult to Root Cuttings: 5000-20000 ppm IBA.

TOTAL IMMERSE METHOD

Total immerse cuttings then plant

Immerse whole cuttings in solution a few seconds. A basket is useful. Plant immediately.

Herbaceous Cuttings, Chrysanthemum, Plumbago, Ivy, Clematis, Delphinium, Lavender, Ficus, Potted Rose Bushes, etc.: 50-250 ppm IBA.

Softwood Cuttings, Buddleia (Butterfly Bush), Hydrangea, Pieris, Hederia (Ivy), etc.: 50-300 ppm IBA.

Hardwood Cuttings, Conifers, etc.: 200-500 ppm IBA.

SPRAY DRIP DOWN METHOD™

Plant Cuttings Then Spray

Plant cuttings. Spray solution on leaves and stems until drip down into media.

Herbaceous Cuttings, Chrysanthemum, Begonia, Dieffenbachia, Heath, Hibiscus, etc.: 50-250 ppm IBA.

For Cuttings Which Take a Long Time to Root, or When Roots of Cuttings are Killed by Root Fungus: periodically spray solution on leaves and stems until drip down into media: 50-250 ppm IBA

TRANSPLANTING

Use solutions to promote root regeneration when transplanting. **ALWAYS DO SMALL TRIALS PRIOR TO DOING LARGE SCALE PRODUCTION. Use the LOWEST concentration to produce the desired effect.**

IMMERSION-ABSORPTION METHOD™ (Bare Root Plants)

Immerse bare roots in solution. Plant immediately or use before storage.

Immerse roots in solution at 50 (or less) -150 ppm IBA for 10 minutes, or 150 (or less) - 250 ppm IBA for 5 minutes. After treating roots optionally spray the leaves lightly using 25 (or less) -50 ppm IBA.

SPRAY OR DIP METHODS (Plants In Plug or Ball)

Spray plug, ball or bare roots after taking the plants out of propagation tray, or dip whole plug or ball in solution until fully saturated.

Herbaceous Plants, House and Foliage Plants: 50 (or less) -150 ppm IBA.

Woody, Ornamental and Forestry Plants: 150 (or less)-250 ppm IBA.

After treating roots optionally spray the leaves lightly using 25 (or less)-50 ppm IBA.

SOIL DRENCH METHOD (After Planting)

After planting drench the soil.

House and Foliage Plants: 50 (or less) -100 ppm IBA.

Herbaceous Plants: 50 (or less) -200 ppm IBA.

Woody, Ornamental and Forestry Plants: 200 (or less) -400 ppm IBA.

Use higher rate when soil composition draws water away from the roots. After treating roots optionally spray the leaves lightly using 25 (or less) -50 ppm IBA.

IMPROVE PLANT GROWTH

Use on house, tropical, herbaceous, bedding, flowering plants: Improve growth and flowering by increasing root mass. Apply at 3-5 week intervals during the active growing season or whenever fertilizing. Apply after harvesting to improve flower regeneration. Drench the soil and or spray foliage. Use 5-50 ppm IBA.

Hardy Ornamental Plants, Deciduous and Evergreen Shrubs and Trees: Apply at 4-6 week intervals early in the active growing season or whenever fertilizing. Apply one to two times late in the growing season to reduce winter kill and improve following year growth. Drench the soil and or spray foliage. Use 15-50 ppm IBA.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Store in a cool dry place. Keep in original container. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Container disposal-triple rinse (or equivalent). 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.

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: long sleeve shirt, long pants, shoes, socks and waterproof gloves.

USER SAFETY RECOMMENDATIONS

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

STATEMENT OF PRACTICAL TREATMENT

If on skin wash with plenty of soap and water. If in eyes wash with plenty of water. Get medical attention if irritation persists. If inhaled remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

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 by cleaning of equipment or disposal of equipment wash waters.

WARRANTY

It is warranted that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. 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 application all of which is beyond the control of Hortus USA Corp. or Phytotronics, Inc. In no case shall Hortus USA Corp. or Phytotronics, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. All risks shall be assumed by the buyer. Hortus USA Corp. or Phytotronics, Inc. makes no warranties of merchantability or fitness for a particular purpose nor other express or implied warranty except as stated above.

Registered by **HORTUS USA CORP.**,

Technical support: www.rooting-hormones.com

5/5