

Safety Data Sheet (SDS) under the revised Hazard Communication Standard

(Formerly called: Material Safety Data Sheet, MSDS)

Product: Hortus IBA Water Soluble Salts (20%)

<p>Section 1. IDENTIFICATION</p>	<ul style="list-style-type: none"> • Product identifier used on the label: Hortus IBA Water Soluble Salts (20%) • US EPA registration number: 63310-22 • Manufactured for Hortus USA by: Rhizopon bv, Rijndik 263A, Hazerswoude, the Netherlands • MANUFACTURER: Hortus USA Corp., PO Box 1956 Old Chelsea Sta., New York NY 10113 • US MASTER DISTRIBUTOR: Phytotronics Inc., 13688 Rider Tr N, Earth City MO 63045 • Contact phone: 314-770-0717 (US Central time) • Recommended use of the chemical: plant growth regulator for plant propagation from cuttings.
<p>Section 2. HAZARD(S) IDENTIFICATION</p>	<ul style="list-style-type: none"> • The classification of the chemical: plant growth regulator • Signal word: Caution • Hazard statement: Causes moderate eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with eyes, skin, ingestion or inhalation. Avoid breathing dust (vapor or spray mist). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.
<p>Section 3. COMPOSITION/ INFORMATION ON INGREDIENTS</p>	<p>CHEMICAL NAME</p> <ul style="list-style-type: none"> • Indole-butyric-acid. CAS Number 133-32-4. Common name and synonyms IBA: 20% • Other ingredients (proprietary): 80%
<p>Section 4. FIRST-AID MEASURES</p>	<p>IF IN EYES</p> <ul style="list-style-type: none"> • Hold eyes open and rinse slowly with water for 15-20 minutes • Remove contact lenses, if present after the first 5 minutes then continue rinsing eye • Call a poison center or a doctor for further treatment or advise <p>IF ON SKIN OR CLOTHING</p> <ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison center or a doctor for further treatment or advise <p>IF SWALLOWED</p> <ul style="list-style-type: none"> • Call a poison center or a doctor for further treatment or advise • Have person sip water if able to swallow • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. <p>IF INHALED</p> <ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible <ul style="list-style-type: none"> • Call a poison center or a doctor for further treatment or advise <p>NOTE TO PHYSICIAN:</p> <ul style="list-style-type: none"> • May cause moderate eye irritation which will last a short time. • This product does NOT contain any petroleum, caustics or active solvent products. • Have the product container or label with you when you call a poison control center or doctor or going for treatment. • You may call 800-325-3055 or 314-770-0717. 7:30AM-5PM CST Mon-Fri or the National Pesticide information Center (NPIC) at 1-800-858-7378
<p>Section 5. FIRE-FIGHTING MEASURES</p>	<p>NA</p>
<p>Section 6. ACCIDENTAL RELEASE MEASURES</p>	<ul style="list-style-type: none"> • Clean up spill immediately. Vacuum or sweep up material and place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a chemical waste container.
<p>Section 7. HANDLING AND STORAGE</p>	<p>STORAGE AND DISPOSAL</p> <ul style="list-style-type: none"> • Do not contaminate water, food, or feed by storage and disposal. <p>PESTICIDE STORAGE</p> <ul style="list-style-type: none"> • Store in a cool dry place under lock and key. Post as a pesticide area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above. <p>PESTICIDE DISPOSAL</p> <ul style="list-style-type: none"> • To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry). <p>CONTAINER HANDLING</p> <ul style="list-style-type: none"> • Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

<p>Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION</p>	<p>CAUTION</p> <ul style="list-style-type: none"> Causes moderate eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with eyes, skin, ingestion or inhalation. Avoid breathing dust (vapor or spray mist). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. <p>PERSONAL PROTECTIVE EQUIPMENT</p> <ul style="list-style-type: none"> Applicators and other handlers must wear: long sleeve shirt, long pants, shoes, socks and waterproof gloves. For exposure in enclosed areas or outdoors, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C, or a NIOSH approved respirator with any N, R, P or HE filter) when mixing solutions, or when spraying solutions on cuttings by the Spray Drip Down Method. When treating cuttings by the Quick Dip, Long Soak and Total Immerse Methods, use of a filtering respirator is not required. No PPE is required after cuttings are inserted into media. <p>USER SAFETY RECOMMENDATIONS</p> <ul style="list-style-type: none"> 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.
<p>Section 9. PHYSICAL AND CHEMICAL PROPERTIES</p>	<ul style="list-style-type: none"> Appearance: white powder Upper/lower flammability or explosive limits: none Odor: none Vapor pressure: NA Odor threshold: NA Vapor density: NA pH: NA Relative density: 1.25 g per cubic cm Melting point/freezing point: NA Solubility: Soluble in water. In-soluble in active solvents Initial boiling point and boiling range: NA Partition coefficient: NA Flash point: NA Auto-ignition temperature: NA Evaporation rate: NA Decomposition temperature: NA Flammability (solid, gas): none Viscosity: NA.
<p>Section 10. STABILITY & REACTIVITY</p>	<ul style="list-style-type: none"> Stable and non-reactive
<p>Section 11. TOXICOLOGICAL INFORMATION</p>	<ul style="list-style-type: none"> Acute Oral (rat): Toxicity category IV Acute dermal (rabbit): Toxicity category III Primary irritation (rabbit): Toxicity category IV Primary eye irritation (rabbit): Toxicity category III Acute inhalation (rat): Toxicity category IV Dermal sensitization, Buehler (guinea pig): not a sensitizer
<p>Section 12. ECOLOGICAL INFORMATION</p>	<p>ENVIRONMENTAL HAZARDS</p> <ul style="list-style-type: none"> For terrestrial uses: 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 or rinsate. Environmental impact of the chemical(s) if it were released to the environment: unknown
<p>Section 13. DISPOSAL CONSIDERATIONS</p>	<ul style="list-style-type: none"> To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).
<p>Section 14. TRANSPORT INFORMATION</p>	<ul style="list-style-type: none"> UN/NA number: NA DOT shipping name: pesticide, solid, non-regulated Technical name (hazardous material): NA Hazard class: NA Packing group: NA DOT reportable quantity (RQ): NA Exemption requirement: None Emergency Response Guidebook No.: NA Marine pollutant: NA
<p>Section 15. REGULATORY INFORMATION</p>	<ul style="list-style-type: none"> Registered with the US EPA under FIFRA as a plant growth regulator US EPA Registration number: in Section 1 TSCA Inventory: IBA Listed
<p>Section 16. OTHER INFORMATION</p>	<ul style="list-style-type: none"> Revision date: August 15 2019 By: Hortus USA Corp.