

MATERIAL SAFETY DATA SHEET

SECTION 1 Date Prepared: February 18, 2010

Hortus USA Corp., PO Box 1956 Old Chelsea Sta., New York NY 10113 Master Distributor: Phytotronics Inc., 13688 Rider Tr N, Earth City Mo 63045, 313-770-0717	Identity (Product Name): HORTUS IBA WATER SOLUBLE SALTS (20%)
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Section II:

IDENTITY INFORMATION

COMPONENT:	CAS:	PERCENT:
Indole-3-butyric acid (IBA) (Formula: C12 H13 N02)	133-32-4	20%
Inert ingredients (proprietary)		80%
Total		100%

Section III:

PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: white odorless tablet

Boiling point: N/A

Specific gravity: N/A

Vapor pressure: N/A

Melting point: N/A

Solubility in water: 100%

Evaporation rate: N/A

Section IV:

FIRE AND EXPLOSION HAZARD DATA

Flash point: N/A.

Extinguishing media: water, multi purpose dry chemical. Special fire fighting procedures: wear pull protective clothing, positive pressure self contained breathing apparatus. Thoroughly wash all equipment after use.

Unusual fire and explosion hazards: none known

Section V:

REACTIVITY DATA

Stability: stable.

Incompatibility: strong oxidizers.

Hazardous decomposition products: combustion may produce carbon dioxide, nitrogen oxide, and carbon monoxide.

Hazardous polymerization: will not occur.

Section VI:

HEALTH HAZARD DATA

CAUTION: KEEP OUT OF REACH OF CHILDREN.

FIRST AID Classification of Pesticide: Plant Growth Regulator	
If in eyes	> 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
If on skin or clothing	> 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
If swallowed	> 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.
If inhaled	> 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 > Call a poison center or a doctor for further treatment or advise

NOTE TO PHYSICIAN: May cause minor eye irritation which will last a short time. This product does NOT contain any petroleum, caustics or active solvent products

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Section VII:

PRECAUTIONS FOR SAFE HANDLING AND USE

Storage and disposal: Store in a cool dry place. Keep in original container. For disposal securely wrap closed container in several layers of newspaper and discard in trash. Do not reuse container.

Environmental hazards: Do not contaminate water when disposing of equipment wash waters. Do not apply directly to water, to areas where surface water is present or intertidal areas below mean high water mark.

CAUTION

Causes moderate eye injury. 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.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: long sleeve shirt, long pants, shoes, socks and waterproof gloves, and for exposure in enclosed areas or outdoors, dust/mist filtering respirator. (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH-approved respirator with any R, P or HE filter.

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.

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Section VIII:

ADDITIONAL INFORMATION

The information contained herein is furnished without warranty of any kind. Users should consider these data only as supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.