

Safety Data Sheet

Section 1 - Product and Company Identification

Product Name: HB-101

Other Name (s): -

Reference number: F-01

Manufacture: Flora Co., Ltd.

Address: 3-39, Hasedashi-Cho, Yokkaichi, Mie, Japan, 510-0855

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Section 2 - Hazards Identification

Emergency Overview: This is a natural plant vitalizer for agriculture that is safe for consumers and other users when used according to the label directions.

GHS Classification: Not classified

Label Elements: Not applicable

Other Information: Not applicable

Section 3 - Composition, Information on Ingredients

Single Substance or Mixture: Mixture

Chemical Name or General Name: -

Mixture composition of: Water, Japanese cedar Extract, Japanese cypress Extract, Japanese Pine Extract, Plantain Extract

Chemical Formula or Structural formula: -

Official Gazette Notification Reference No.

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. : Not applicable

Industrial Safety and Health Act: Not applicable

CAS No. : Not applicable

United Nations (UN) Number: Not applicable

Section 4 - First Aid Measures

Inhalation: Immediately move to fresh air. If experiencing difficulty breathing, seek medical advice.

Skin: If irritation or allergic reactions occurs, seek medical advice.

Eyes: Immediately rinse with plenty of water for at least 15 minutes. If irritation persists, seek medical advice.

Ingestion: Rinse mouth with water and afterwards drink plenty of water. If irritation persists, seek medical advice.

Section 5 - Fire Fighting Measures

Extinguishing Media

Suitable: Water mist, carbon dioxide, foams or dry chemicals

Unsuitable: Not applicable

General Information: Perform the fire extinguishing work from windward when it is fired.

Section 6 - Accidental Release Measures

Personal Precautions: Avoid contact with eyes. Avoid ingestion. Ensure adequate ventilation.

Environmental Precautions: No special environmental precautions required.

Methods for Cleaning Up: Clean up it with a waste cloth, etc. If you leave it in a wet condition on the floor, there may be a slip accident.

Section 7 - Handling and Storage

Handling Precautions: No special precautions necessary.

Storage Precautions: Keep container tightly closed in dry, cool and ventilated place. Avoid direct sunlight.

Section 8 - Exposure Controls, Personal Protection

For Routine Consumer Use: No special precautions necessary. This is a natural plant vitalizer for agriculture that is safe for consumers and other users when used according to the label directions.

For Industrial activities: Use safety glasses or safety goggles if splash hazards exist. Use gloves and other protective clothings to prevent skin contact. Always follow good hygienic work practices.

Section 9 - Physical and Chemical Properties

Appearance: Colorless transparent liquid [according to the season of gathering materials, it often happens that a little pale-yellow transparent liquid is extracted.], liquid

Odor: Sweet smell

pH: 3.0 ~ 4.5

Melting Point / Freezing Point: No information available

Boiling Point: No information available

Flash Point: No information available

Explosion Point: No information available

Combustibility: No information available

Explosion limit: No information available

Vapor pressure: No information available

Vapor density: No information available

Evaporation rate: No information available

Specific Gravity: 1.000 ~ 1.050

Octanol-Water Partition Coefficient: No information available

Decomposition temperature: No information available

Water Solubility: High water-solubility

Section 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: No information available

Condition to Avoid: Excess heat, direct sunlight

Incompatible Materials: No information available

Hazardous Decomposition Products: No information available

Section 11 - Toxicological Information

Acute Toxicity: [including 50% LD] Mouse [oral] LD₅₀ 20,000 mg / kg or more

Subacute toxicity: [including 50% LD] Mouse [oral] LD₅₀ 10,000 mg / kg or more

Skin Corrosion / Irritation: No information available

Serious Eye Damage / Eye Irritation: No information available

Respiratory or Skin Sensitization: No information available

Germ Cell Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive Toxicity: No information available

Specific Target Organ Toxicity (Single Exposure): No information available

Specific Target Organ Toxicity (Repeated Exposure): No information available

Aspiration Hazard: No information available

Additional Information: No information available

Section 12- Ecological Information

This product is safe for the environment under normal use conditions.

Toxicity

Toxicity to Fish: Carp, Wakin-goldfish, Female killifish 48 hours LC₅₀ 1.0% or More

Toxicity to Daphnia and Other Aquatic Invertebrates: Water flea 48 hours LC₅₀ 1.0% or More

Toxicity to Algae: No information available

Persistence and Degradability: No information available

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other Adverse Effects: No information available

Section 13 - Disposal Considerations

Disposal should be in accordance with all applicable local, regional, state and national laws and regulations.

Section 14 - Transport Information

International regulation

UN Classification : Not applicable

UN No. : Not applicable

UN Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Packing Group: Not applicable

Environmental Hazard: Not applicable

Regulation in Japan: Not applicable

Special Precautions for Users: No information available

Section 15 - Regulatory Information
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Nothing: miscellaneous goods [agricultural materials]

Section 16 - Other Information

No information available

<p>※ This [MSDS] is a summary of necessary knowledge and cares for using our company's products safely.</p> <p>※ The contents of this [MSDS] are all depending on information and documents which our company possess but it does not guarantee the completeness and accuracy of the information. And it often happens that some of the contents of this [MSDS] are changed by new ones according to the amendment of laws and new knowledge.</p> <p>※ The points to note are assuming normal use. The determination of appropriate use of this material is to be made by the responsibility of every user.</p>
