



SAFETY DATA SHEET (SDS) – 16 SECTIONS

SECTION 1 – IDENTIFICATION

MANUFACTURER NAME: FOOP Organic Biosciences Inc.
MANUFACTURER ADDRESS: 2666 Pittman Drive, Silver Spring, MD 20910, USA
MANUFACTURER PHONE: (646) 221-9801
EMERGENCY PHONE: (646) 221-9801

PRODUCT NAME: Organic Inoculated Biochar
PRODUCT NUMBER: NFO-IB-X-1
PRODUCT CLASS: Soil Amendment
PRODUCT STATE: Solid, Granular

RECOMMENDED USE: Before planting, mix Organic Inoculated Biochar with potting, garden, or container soil in the ratio of 5%-10% biochar.

RESTRICTIONS OF USE: Organic Inoculated Biochar should not be used for any other application than as a soil amendment used for the growth of plants.

SECTION 2 – HAZARD IDENTIFICATION

CLASSIFICATION: This product does not meet the criteria for classification in any hazard class according to the Code of Federal Regulations 1910.1200. However, the SDS is provided for safe handling and use. No potential physicochemical hazards are applicable for this mixture due to the nature of the components and no physicochemical classifications associated with them. Although the mixture does not meet the criteria for hazard classification, the mixture is considered to be a mild eye irritant and a mild skin irritant. Possibility of irritating dust creation during use. Personal protective equipment as described in section 7 is advised.

LABEL ELEMENTS: No label elements (classification, hazard statements or precautionary statements) are required as the mixture is not classified in accordance with the Code of Federal Regulations 1910.1200.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Organic biochar source from pine industry waste, organic fish manure in mineralized aquaculture water.

Contains no classified hazardous components over 1%.



SECTION 4 – FIRST-AID MEASURES

EYE CONTACT: Flush with running water immediately and continuously for 15 minutes. Remove any contact lenses. Seek medical assistance.

SKIN CONTACT: Wash skin with plentiful soap and running water. Remove contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

INGESTION: If the person affected is conscious, have them drink large quantities of water, after which vomiting should be induced by a properly qualified person. Never give anything by mouth to an unconscious person. Seek immediate medical assistance.

INHILATION: Remove to fresh air immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION: Non-combustible

EXTINGUISHING MEDIA: The product is non-combustible. To extinguish fire use water spray, dry chemical, carbon dioxide, or chemical foam.

SPECIAL HAZARDS: None known.

ADVICE FOR FIRE-FIGHTERS: Wear full protective clothing and self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear protective equipment, including rubber boots, rubber gloves, rubber apron and chemical goggles. For small spills, sweep up and dispose of in DOT-approved waste containers. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

SECTION 7 – HANDLING AND STORAGE

Wear eye protection and rubber gloves. Avoid contact with eyes, mouth, skin, and clothing. If excessive dust is created avoid breathing dust by using adequate ventilation and/or using NIOSH or MSHA approved respirator for nuisance dust of this type. Breathing dust may be harmful to your health. Do not use if skin is cut or scratched. Wash thoroughly after handling. Wash hands before eating or smoking. Do not eat or smoke when using. Keep tightly closed when not in use. Store above 60 deg. F, but not over 100 deg. F. Store in a dark location, away from acids and metals.



SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

HAND PROTECTION: It is good standard practice to wear gloves to prevent risk of exposure from splashes.

EYE PROTECTION: It is good standard practice to wear safety goggles.

SKIN PROTECTION: It is not required but it is good standard practice to wear an apron or protective clothing in case of danger of contact. Open wounds should be kept clean and suitably protected.

THERMAL HAZARDS: N/A

ENVIRONMENTAL EXPOSURE CONTROLS: N/A

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Black, fibrous, chunky, growing media

ODOR: Slightly earthy

pH: 9

BOILING RANGE: N/A

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

DENSITY: 0.22 kg/L

SOLUBILITY: N/A

EXPLOSIVE PROPERTIES: N/A

OXIDIZING PROPERTIES: N/A

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: Unreactive under normal conditions of recommended use.

CHEMICAL STABILITY: Stable under normal temperature conditions and recommended use.

POSSIBILITY OF HAZARDOUS REACTIONS: N/A

CONDITIONS TO AVOID: Avoid heating > 120 deg F or product efficacy will be affected.

INCOMPATIBLE MATERIALS: No known incompatibilities.

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICITY: No measured toxicity known



SECTION 12 – ECOLOGICAL INFORMATION

TOXICITY: No toxicity studies recorded

PERSISTENCE AND DEGRADABILITY: Persistence and rate of degradation is not evaluated as the mixture is used solely for indoor use. All treated plants are placed in containers so there is no risk of contamination of natural soil.

BIOACCUMULATIVE POTENTIAL: The risk for bioaccumulation is considered to be low.

MOBILITY IN SOIL: Product is a solid designed for be used mixed in with soil, so has not been evaluated for mobility in soil.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL OPERATIONS: According to EPA 40 CFR261.3, waste of this product is not defined as hazardous.

DISPOSAL OF PACKAGING: According to EPA 40 CFR261.3, waste of this product is not defined as hazardous.

Dispose in accordance with all applicable federal, state, and local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

This product is not a hazardous material according to DOT regulations.

This product is not a hazardous material according to IMDG regulations.

This product is not a hazardous material according to IATA regulations.

SECTION 15 – REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENT REGULATIONS: N/A

CHEMICAL SAFETY ASSESSMENT: N/A



SECTION 16 – OTHER INFORMATION

This information is provided in good faith and is correct to the best of FOOP Organic Biosciences Inc.'s knowledge as of the date hereof and is designed to assist our customers; however, FOOP Organic Biosciences Inc. makes no representation as to its completeness or accuracy. Any use which FOOP Organic Biosciences Inc.'s customers or third parties make of this information, or any reliance on, or decision made based upon it, are the responsibility of such customer or third party. FOOP Organic Biosciences Inc. disclaims responsibility for damages, or liability, of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATION, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL FOOP ORGANIC BIOSCIENCES INC. BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.