MATERIAL SAFETY DADA SHEET

1.**Product Name and Company Information**

Product Name: Black Pepper Extract

Company: Botanical Cube Inc.

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2. **Composition and Ingredient Information**

Chemical Identity: Black pepper Extractive

Hazardous Components: All materials used in this product are non-toxic and conform to the Toxic Substances Control Act and may be found in the FDA's Generally Regarded as Safe list.

3. **Hazards Identification**

Routes of Entry: Skin, Ingestion, Inhalation

Eye Contact: Powder maybe irritating to eyes

Skin Contact: Powder maybe irritating to skin.

4. **First Aid Measures**

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

Skin: Wash with soap and water - get medical attention if irritation occurs.

Ingestion: Do not induce vomiting. Administer milk water to dilute and seek medical attention.

Inhalation: Remove to fresh air.

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5. **Fire Fighting Measures**

General Information:

As in any fire, wear a self-contained breathing apparatus inpressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

Use water fog, dry chemical, carbon dioxide, or regular foam.

6. **Accidental Releases Measure**

Personal Protaction:

OSHA approved chemical resistant gloves and safety glasses should be worn. Chemical resistant clothing may also be worn as an added precaution. If desired, use a NIOSH approved respirator.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation.

Enviromental Protection:

Notify authorities if large amounts of product enters sewer.

7. **Storage and handling**

Safety Technical Measures:

Store in a cool, dry location, in a sealed container in a well ventilated area.

Safe Handing: Wash thoroughly after handling. Use only in a well-ventilated area.

Minimize dust generation and accumulation. Avoid contact with eyes,

skin, and clothing. Avoid ingestion and inhalation.

Materials for Packaging: Foil bags and drums

8. **Exposure control/Personal protection**

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low. Exposure Limits

Personal Protective Equipment:

Eyes: OSHA approved safety glasses should be worn.

Skin: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respirators: Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.

9. **Physical and Chemical Properties**

Physical State: Powder

Color: White

Odor: Characteristic

Assay: 98% Piperine Extracted by HPLC

10. **Stability and Reactivity**

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, light.Incompatibilities with Other Materials:

Strong oxidizing agents.Hazardous Decomposition Products:Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

11. **Toxicological Information**

CAS: 94-62-2

LD50/LC50: Not available.

Carcinogenicity: Black Pepper Extract -Not listed by ACGIH, IARC, or NTP.

12. **Ecological information**

No ecological hazards are associated with this product.

13. **Disposal Considerations**

Do not put into sewer lines. Dispose of according to local, state and federal regulations.

14. **Transport Information**

DOT Classification: Not regulated

15. **Regulatory Information**

No Information.

16. **Additional Information**

This information is provided for documentation purposes only.

This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

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