



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 04-820
PRODUCT NAME: EATware®

Manufacturer: Kangxin (Haimen) Environmental Protection Technology Development Co., Ltd.
No.1398 Xiushan East Road, Haimen, Jiangsu China

EMERGENCY PHONES:

Person in charge: (021) 6630 0007
Corporate Emergency Phone: (021) 3636 6367 (Office Hours: Monday – Friday CHNT 0900-1800)

MSDS Requests/Customer Service: Above mentioned Address and Telephone Number

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: Cellulose Fiber with Carbohydrates, Minerals Blend

<u>COMPONENT</u>	<u>CONCENTRATION (% by weight)</u>	<u>CAS NUMBER</u>
Cellulose fiber	85%	CAS No 9004-34-6
Starch	10%	CAS No 9005-84-9
Water	5%	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

May burn over 450°F (~ 250°C). Keep away from open flame and heat sources.

Generally considered to be safe.

EYE: Particulates may scratch eye surfaces and cause slight irritation.

SKIN CONTACT: This product is safe to be in contact with skin.

INHALATION: This product cannot be inhaled.

INGESTION: This product is made up of cellulose fiber. Intake will do no harm but not recommended.



4. FIRST-AID MEASURES

EYE: Remove particles by irrigating with eye wash solution or clean water. If symptoms develop, obtain medical attention.

SKIN CONTACT: No special attention is required.

INHALATION: No special attention is required.

INGESTION: The product is made up of cellulose fiber, excessive intake may cause diarrhea.

5. FIREFIGHTING MEASURES

AUTOIGNITION: Not available

FLASH POINT: Not applicable

EXTINGUISHING MEDIA: Dry Chemical; CO₂; Water Fog; Foam

SPECIAL FIREFIGHTING PROCEDURES: No special procedures are required.

FIRE & EXPLOSION HAZARDS: Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity. Minimum ignition temperature of dust cloud- approx. 230oC.

HAZARDOUS COMBUSTION PRODUCTS: This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide and water.

LOWER EXPLOSION LIMIT (%): Not applicable

UPPER EXPLOSION LIMIT (%): Not applicable

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES: Not applicable

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: -20oC up to 60oC

HANDLING/STORAGE: Store in a cool, dry area. Keep away from heat, sparks or fire.

SENSITIVITY TO STATICELECTRICITY: No

SENSITIVITY TO MECHANICAL IMPACT: No

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Good ventilation.

EYE PROTECTION REQUIREMENTS: Optional safety glasses when handling large amounts, otherwise no danger to eye.

GLOVE REQUIREMENTS: Latex gloves are recommended but not necessary.

CLOTHING REQUIREMENTS: No special procedures are required.

CHANGE/REMOVAL OF CLOTHING: No special procedures are required.

WASH REQUIREMENTS: No special procedures are required.

RESPIRATOR REQUIREMENTS: Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE: Mixture

PHYSICAL FORM: Solid sheets

COLOR: White – Light Brown

ODOR: Starch Natural Odor

ODOR THRESHOLD: Not available

MOLECULAR WEIGHT: Not applicable

PH ASIS: Not applicable

pH IN (1%) SOLUTION: 6.5-7.5

OXIDIZING PROPERTIES: Not applicable

BOILING POINT: Not applicable

MELTING/FREEZING POINT: Not applicable (decompose before melting point reached)

SOLUBILITY IN WATER: Insoluble

VISCOSITY: Not applicable

SPECIFIC GRAVITY (WATER=1): depends on compaction 0.3 – 0.5

BULK DENSITY: Not available

EVAPORATION RATE: Not applicable

VAPOR PRESSURE (mmHg): Not applicable

VAPOR DENSITY (air = 1): Not applicable

VOLATILES: Not applicable

VOLATILE ORGANIC COMPOUNDS: Not applicable

AUTOIGNITION: Not available

FLASH POINT: Not applicable



10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS: This product does not undergo spontaneous decomposition. Typical combustion (burning) products are ash, CO₂ and H₂O.

11. TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY: Eye Contact; Skin Contact, Ingestion

CARCINOGEN

All materials within this product are listed in FDA 21 CFR 176.170 as safe materials for food packaging coming in contact with food.

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

EFFECTS OF CHRONIC EXPOSURE: No adverse effect.

PRODUCT TOXICOLOGY

PRODUCT INFORMATION: Unlikely to cause harmful effects under normal conditions of handling and use.

12. ECOLOGICAL INFORMATION

POTENTIAL TO BIOACCUMULATE: Unknown.

AQUATIC TOXICITY: None Established

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Disposal should be in accordance with local, state or national legislation.

EMPTY CONTAINER WARNINGS: Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.



14. TRANSPORTATION INFORMATION

This section provided for general information only.

FOR MORE COMPLETE TRANSPORTATION REGULATORY INFORMATION PLEASE REFER TO THE SHIPPING DOCUMENTS RELATING GCS MATERIALS. (GENERALLY CONSIDERED TO BE SAFE)

PROPER SHIPPING NAME: Not regulated.

The information provided herein may not include the impact of additional regulatory requirements (e.g., for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. OTHER INFORMATION

HMIS® Hazard Ratings

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual.

HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

ADDITIONAL INFORMATION: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.