

### **MATERIAL SAFETY DATA SHEET**

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1. THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD). IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

#### **SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

**PRODUCT IDENTITY: FRONTIER 100% NATURAL BRIQUETS**  
**COMPANY IDENTITY: PACKAGING SERVICE CO., INC.**  
**COMPANY ADDRESS: 1904 MYKAWA ROAD**  
**COMPANY CITY: PEARLAND, TX 77581**  
**COMPANY PHONE: 1-281-485-1458**  
**CHEMTREC PHONE: 1-800-424-9300**

#### **SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

**CONTAINS:**

80 – 95 % Wood Char/Charcoal (16291-96-6)  
0 – 05 % Saw Dust

Number in parentheses is CAS #, number in brackets is European EC #.

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#### **SECTION 3. HAZARDS IDENTIFICATION**

**RISK STATEMENTS:** Dust may be irritating to the eyes. Dust inhalation may irritate nose and throat.

**SAFETY STATEMENTS:** Burning charcoal without adequate ventilation may produce carbon monoxide.

#### **SECTION 4. FIRST AID MEASURES**

**EYE CONTACT:** For eyes, flush with plenty of water for 15 minutes & get medical attention if irritation persists.

**SKIN CONTACT:** Wash thoroughly with soap & water.

**INHALATION:** Remove to fresh air. If breathing problems persists, get medical attention.

**SWALLOWING:** May cause abdominal irritation. Drink water and call a physician.

#### **SECTION 5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Flood with water.

**SPECIAL FIRE FIGHTING PROCEDURES:** Water spray can help put out the fire and protect fire fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

**UNUSUAL EXPLOSION AND FIRE PROCEDURES:** COMBUSTIBLE! Keep container tightly closed. Isolate from oxidizers, heat, & open flame. Empty container will contain hazardous dust. Continue all label precautions!

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**CONTAINMENT TECHNIQUES:** Remove heat and ignition sources.

**CLEAN-UP PROCEDURES:** Vacuum sweep, if necessary, to avoid generating airborne dust. Wash residual to on-site treatment area, where appropriate.

#### **SECTION 7. HANDLING AND STORAGE**

**HANDLING:** Isolate from oxidizers, heat, & open flame. Use only with adequate ventilation. Avoid breathing of dust. Do not get in eyes.

**STORAGE:** Store large amounts in structures made for OSHA Class II solids. Keep container tightly closed & upright when not in use to prevent spillage.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE CONTROLS:** Use with adequate ventilation.

**VENTILATION:**

LOCAL EXHAUST: Necessary  
MECHANICAL (GENERAL): Acceptable  
SPECIAL: None  
OTHER: None

**PERSONAL PROTECTIONS:** Wear OSHA Standard safety glasses and NIOSH-approved respirator when TLV limits may be exceeded.

**WORK & HYGIENIC PRACTICES:** Wash hands after direct contact with briquettes or briquette dust.

**SECTION 9. PHYSICAL DATA**

APPEARANCE : Solid, Black  
ODOR : Slight  
BOILING RANGE : Not Applicable  
WATER ABSORPTION : Nil

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**SECTION 10. STABILITY & REACTIVITY**

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Isolate from oxidizers, heat, & open flame.

**MATERIALS TO AVOID:** Isolate from strong oxidizers such as permanganates, chromates & peroxides.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide from burning.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Wood Char Dust	15291-95-6	2 mg/m3*	2 mg/m3	No
Sawdust	-	1 mg/m3*	1 mg/m3	No

\* Respiratory Dust

**ACUTE HAZARDS**

**EYE & SKIN CONTACT:** Primary irritation to eyes, redness, tearing, blurred vision. Wash after handling.

**INHALATION:** Repeated or prolonged exposure to the dust may cause coughing, shortness of breath, and occupational lung damage. Wood dust is a possible sensitizer. Studies have linked wood dust to nasal cancer in furniture industry workers. Woodworkers in the building industry (such as carpenters) do not appear to have this increased risk. Due to the product form and typical use conditions, significant dust exposures are unlikely, and, therefore, the potential for any chronic effects is low. Under normal consumer use situations, no medical conditions are known to be aggravated by exposure to this product.

**CARBON MONOXIDE HAZARD:** Burning charcoal inside without adequate ventilation can kill you. It gives off Carbon Monoxide, which has no odor. NEVER burn charcoal inside homes, vehicles or tents.

**SUBCHRONIC & CHRONIC HAZARDS/CONDITIONS AGGREGATED**

**CONDITIONS AGGREGATED:** None known.

**CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:** IARC Monographs (Volume 62, 1995) state that there is sufficient evidence of the carcinogenicity of wood dust in humans and inadequate evidence of its carcinogenicity in animals. IARC Classification: Group 1.

### SECTION 12. ECOLOGICAL INFORMATION

**MAMMALIAN INFORMATION:**  
**MATERIAL**

CAS #

LOWEST KNOWN LETHAL DOSE DATA

No information

**AQUATIC ANIMAL INFORMATION:** No information.

**MOBILITY:** This material is a solid.

**DEGRADABILITY:** This product is partially biodegradable.

**ACCUMULATION:** Bioaccumulation of this product has not been determined.

### SECTION 13. DISPOSAL CONSIDERATIONS

Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If questions exist, contact the appropriate agencies.

### SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated  
DRUM LABEL: None  
IATA / ICAO: Not regulated  
IMO / IMDG: Not regulated

### SECTION 15. REGULATORY INFORMATION

This product does not contain any chemicals regulated under Section 313 or Section 304 of SARA Title III.

**STATE REGULATIONS:** THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS. **California Proposition 65 Warning.** Combustion (burning) of this product, like other cooking methods, produces carbon monoxide and other substances known by the State of California to cause cancer, birth defects or reproductive harm.

### SECTION 16. OTHER INFORMATION

**HAZARD RATINGS:**

HEALTH (NFPA): 1 HEALTH (HMIS): 1 FLAMMABILITY: 1 REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**EMPLOYEE TRAINING:** Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

**NOTICE:** The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.