

### **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 HICKORY CHARCOAL BRIQUETTES**  
**COMPANY IDENTITY: PACKAGING SERVICE CO.**  
**COMPANY ADDRESS: 1904 MYKAWA ROAD**  
**COMPANY CITY: PEARLAND, TX 77581**  
**COMPANY PHONE: 281-485-1457**  
**CHEMTREC PHONE: 1-800-424-9300**

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

##### **CONTAINS:**

100% Charcoal (amorphous carbon) (16291-96-6)  
Number in parentheses is CAS #, number in brackets is European EC #.

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

##### **RISK STATEMENTS:**

R10a Combustible (North America), Flammable (elsewhere).

##### **SAFETY STATEMENTS:**

S45 In case of accident, or if you feel unwell, seek medical advice immediately. (Show the label where possible).

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

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

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

**INHALATION:** Remove to fresh air.

**SWALLOWING:** May cause abdominal irritation.

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

**EXTINGUISHING MEDIA:** NFPA Class B extinguishers (Carbon Dioxide or foam) for Class II solid fires.

**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. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container very hazardous! 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 vapor. 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:** Ventilate to keep vapors of this material below 50 ppm.

#### VENTILATION

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

**PERSONAL PROTECTIONS:** Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves.

**WORK & HYGIENIC PRACTICES:** Provide readily accessible eye wash stations & safety showers. Wash at end of each workshift & before eating, smoking or using the toilet. Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

### SECTION 9. PHYSICAL DATA

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

### 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 and Nitrogen Oxides from burning.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z.

#### 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.

**SWALLOWING:** Harmful or fatal if swallowed. Swallowing can cause pneumonitis if introduced into lungs. May cause abdominal irritation, nausea, vomiting & diarrhea.

#### 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**

LOWEST KNOWN LD50 (ORAL)

No information

LOWEST KNOWN LC50 (VAPORS)

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  
EMERGENCY RESPONSE GUIDEBOOK NUMBER: Not Applicable

**SECTION 15. REGULATORY INFORMATION**

**EPA REGULATIONS:** SARA SECTION 311/312 HAZARDS: Acute Health, Chronic Health, Fire.

All components of this product are on the TSCA list. SARA Title III Section 313 Supplier Notification. This product contains the indicated <> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS#	WT. % (REG. SECTION)	RQ(LBS)
	Not Applicable		

**STATE REGULATIONS:** THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS. **CALIFORNIA PROPOSITION 65:** This product contains the following chemical known to the State of California to cause cancer: wood dust.

**INTERNATIONAL REGULATIONS:** The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

**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.