

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 INSTANT CHARCOAL BRIQUETS
COMPANY IDENTITY: PACKAGING SERVICE CO., INC.
COMPANY ADDRESS: 1904 MYKAWA
COMPANY CITY: PEARLAND, TX 77581
COMPANY PHONE: 1-281-485-1458
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS:

60 – 95 % Wood Char/Charcoal (16291-96-6)
0 – 14 % Medium Aliphatic Solvent Naphtha (64742-88-7)
0 – 05 % Saw Dust
0 – 04 % Sodium Nitrate (7631-99-4)

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SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS: Vapors may cause irritation to the nose, throat, and respiratory tract. Vapors are flammable. 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: After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

SWALLOWING: Do NOT induce vomiting. Have patient lie down & keep warm. Get medical attention.

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 vapors or dust. Do not get in eyes.

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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. Wear chemical resistant gloves when prolonged handling of product is required.

WORK & HYGIENIC PRACTICES: Wash hands after direct contact with briquettes or briquette dust. Wash contaminated clothing before wearing.

SECTION 9. PHYSICAL DATA

APPEARANCE : Solid, Black
ODOR : Solvent
FLASH POINT: 105F(TCC) Solvent
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 and Nitrogen Oxides from burning.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Aliphatic Solvent	64742-88-7	100 ppm	100 ppm	No
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: Vapors may cause irritation to the nose, throat, and respiratory tract. Prolonged exposure to high concentration of vapors (>TLV) may cause central nervous system depression. 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 AGGRAVATED

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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. Similar solvents have caused adverse effects to kidneys of male rats after prolonged and repeated inhalation exposure.

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.

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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.