The Kingsford Products Company
1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

Material Safety Data Sheet

I Product:

KINGSFORD® BBQ BAG® SINGLE USE CHARCOAL BRIQUETS

Description:

BLACK CHARCOAL BRIQUETS IMPREGNATED WITH PETROLEUM SOLVENT

Other Designations	Manufacturer	Emergency Telephone Nos.
	The Kingsford Manufacturing Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data

Vapors may cause irritation to the nose, throat, and respiratory tract. Repeated or prolonged exposure to concentrations above the Worker Exposure Limit may cause central nervous system depression (e.g. dizziness, weakness, nausea, headaches and/or unconsciousness).

Solvents similar to those contained in this product have caused adverse kidney effects in male rats after prolonged and repeated inhalation exposure. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

Dust may irritate eyes. Inhalation of dust may irritate nose and throat.

Repeated or prolonged overexposure to the dust may cause coughing, shortness of breath, and occupational lung disease. Wood dust is a possible sensitizer. Studies have linked wood dust to nasal cancer in furniture industry workers. Woodworkers in the building industry (e.g. 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.

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.

Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

FIRST AID:

INHALATION: Remove to fresh air. If irritation or breathing problems develop, call a physician.

EYE CONTACT: Flush eyes thoroughly with water for at least 15 minutes. If irritation persists, call a physician.

SKIN CONTACT: Wash skin with soap and water.

INGESTION: Drink a glassful of water. Call a physician.

III Hazardous Ingredients

Ingredient	Concentration	Worker Exposure Limit
Hydrocarbon solvent CAS # 64742-88-7	0 - 20%	100 ppm - TLV-TWA[a,b] 500 ppm - PEL-TWA[b,c] 50 ppm - TLV-TWA[d]
Char dust CAS # 16291-96-6	varies	2 mg/m^3 - TLV-TWA[a,e] (respirable dust)
Limestone CAS # 1317-65-3	< 15%	10 mg/m^3 - TLV-TWA[a] (total dust) 15 mg/m^3 - PEL-TWA[c] (total dust) 5 mg/m^3 - PEL-TWA[c] (respirable fraction)
Sawdust	< 8%	1 mg/m^3 - TLV-TWA[a,f]

[a]TLV-TWA = ACGIH Threshold Limit Value-Time Weighted Average.

[b]Based on the ACGIH TLV-TWA for Stoddard solvent.

[c]PEL-TWA = OSHA Permissible Exposure Limit-Time Weighted Average.

[d]Clorox observes a 50 ppm exposure limit in its facilities.

[e]Based on the ACGIH TLV-TWA for coal dust.

[f]Based on the ACGIH TLV-TWA for wood dust from hardwoods.

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.

None of the other materials in this product are on the IARC, OSHA, or NTP carcinogen lists.

Char dust is produced by briquet breakage. Thus, the concentration will vary based on the amount of breakage.

IV Special Protection and Precautions

Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.

Engineering Controls: Use local or general ventilation to minimize exposure to vapors and dust.

Personal Protective Equipment: Wear safety glasses. Wear chemical-resistant (e.g. nitrile) gloves if handling product for prolonged or repeated periods. Use a NIOSH-approved respirator under conditions where TLV limits may be exceeded.

Store in a well-ventilated area away from heat and open flames. Keep bag closed to avoid evaporation.

Do not use lighter fluid or an electric or chimney-style starter. Never cover flaming briquets with a grill lid. Covering flaming briquets may result in a flare-up when lid is removed. Do not add another BBQ Bag□ once fire has been lit. Barbecue away from flammable items, overhangs, and trees.

V Transportation and Regulatory Data

DOT: Not restricted per 49 CFR 172.101(c)(12)(iv).

IMO: Carbon, not activated. Not restricted. Passes self-heating carbon test.

IATA: Carbon, not activated. Not restricted. Passes self-heating carbon test.

SCAQMD Status: Approved - reference number C11.

EPA - SARA Title III/CERCLA: Packaged product is not reportable under Sections 311/312. This product contains no chemicals regulated under Section 313 or under Section 304/CERCLA.

VI Spill Procedures/Waste Disposal

Spill Procedures: Remove heat and ignition sources. Vacuum sweep, if necessary, to avoid generating airborne dust. Wash residual to on-site treatment area, where appropriate.

Waste Disposal: Reclaim, if possible; otherwise, dispose of in accordance with all applicable federal, state, and local regulations.

VII Reactivity Data

Stable under normal use and storage conditions.

Avoid contact with oxidizing agents, heat sources, and ignition sources.

VIII Fire and Explosion Data

Flash Point of Solvent: ~142°F (closed cup).

Fire Extinguishing Agents: Copious amounts of water.

IX Physical Data

Solubility in water ..... Insoluble

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DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH DATE PREPARED 7/98