



Material Safety Data Sheet

Issued 30th September, 2011

MSDS-Charcoal-1/01

Birch tree charcoal

Please read the entire document. This Material Safety Data Sheet contains important environmental, health and toxicology information for your employees, and anyone who will use, transport, store, dispose of or handle this product. Please make sure this information is given to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information contained herein must be incorporated in your MSDS.

Section 1: Product and Company Identification

General Names/Synonyms: Birch tree charcoal, wood charcoal
Product Use: For bbq cooking, for heating stoves, fireplaces
Company: 7-INCH LLC, Moscow, Russia
Address: General Kuznetsov Str.18-2, of.23, 109156, Moscow, Russia, www.7seven-inch.com
Emergency phone: +7(499)7558890

Section 2: Hazards Identification

Black lumps, powder or sticks; no odor.

WARNING! Flammable solid.

Flammable solid, keep away from all ignition sources. Target organs: None known

HMIS (0 to 4)

Health	0
Fire Hazard	2
Reactivity	0

Section 3: Composition / Information on Ingredients

Charcoal, (CAS No. 16291-96-6), 100% , GOST 7657-84 p.1.3, table GOST R 50801-95

Section 4: First Aid Measures

Always seek professional medical attention after first aid measures are provided.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire Fighting Measures

Flammable solid. When heated to decomposition, emits acrid fumes.

Protective equipment and precautions for firefighters: Use foam or dry chemical to extinguish fire. Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA). Cool container with water spray. Material is not sensitive to mechanical impact. Material is sensitive to static discharge.



Section 6: Accidental Release Measures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all ignition sources and ventilate area. Contain spill with sand or absorbent material and place material in a sealed bag or container for disposal. Wash spill area after pickup is complete. See Section 13 for disposal information.

Section 7: Handling and Storage

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Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breath the charcoal dust. Keep away from incompatibles such as oxidizing agents, metals, acids.

Storage:

Store in a segregated and approved area. Keep in a cool and ventilated area away from combustible materials. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls / Personal Protection

Protective Equipment:

- 1) During transportation, storage and packaging:
Gloves. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safetyglasses.
- 2) When using or cooking: Gloves

Exposure guidelines:

Charcoal: OSHA PEL: N/A; ACGIH TLV: N/A; STEL: N/A.

Section 9: Physical and Chemical Properties

Molecular formula	C.	Appearance	Black lumps, powder or sticks.
Molecular weight	12.01.	Odor	No odor .
Specific Gravity	1.95 g/mL @ 20°C.	Odor Threshold	N/A .
Vapor Density (air=1)	N/A.	Solubility	Insoluble.
Melting Point	N/A.	Evaporation rate	N/A (<i>Butyl acetate = 1</i>).
Boiling Point/Range	4200°C.	Partition Coefficient	N/A (<i>log POW</i>).
Vapor Pressure (20°C)	N/A.	pH	N/A.
Flash Point:	452°C (845.6°F)	LEL	N/A.
Autoignition Temp.:	N/A.		N/A = Not available or applicable
Calory (J)	35 000 000	Density (kg/m3)	380
Heat (KCal/kg)	7000 - 8100	Volatiles content (max %)	20
Ash Content (%)	3,0	Moisture (max %)	7 – 15

Section 10: Stability and Reactivity

Avoid heat and ignition sources.

Stability: Stable under normal conditions of use.

Incompatibility: Strong oxidizers.

Shelf life: None known

Section 11: Toxicology Information**Acute Symptoms/Signs of exposure:** None**Chronic Effects:** Not detected**Sensitization:** none expected**Section 12: Ecological Information****Ecotoxicity (aquatic and terrestrial):**

Ecological impact has not been determined

Section 13: Disposal Considerations

Check with all applicable local, regional, and national laws and regulations. Local regulations may be more stringent than regional or national regulations. Small amounts of this material may be suitable for sanitary sewer or trash disposal.

Section 14: Transport Information**International****Transportation:** packed in paper multi-layer bags**Shipping Name:** Charcoal**Hazard Class:** 4.2, pg III.**Identification Number:** UN1361**Section 15: Regulatory Information****EINECS:** Listed (231-153-3)

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

The product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16: Other Information

Please note: 7-INCH LLC believes that the information and recommendations contained herein are accurate as of the date hereof. The information provided herein applies only to the specific product designated and may not be valid where said product is used in combination with any other material or in any process. It is the users responsibility to determine the suitability of the information for their purposes. No warranty of fitness for any particular purpose, warranty of merchantability, or any other warranty, expressed or implied, is made concerning the information provided.

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