



## PRODUCT SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Name: Big K Lumpwood Charcoal  
Intended Use: Fuel for barbecues

### 2. COMPOSITION

Charcoal: A black amorphous solid – carbon with a small amount of impurities.

### 3. HAZARDS IDENTIFICATION.

Charcoal is considered safe for acute local, acute systemic and chronic systemic exposure. It can be considered as a mild irritant for chronic local exposure in the form of inhalation.

General Known Hazards:

- a) Fire Hazard:  
Moderate fire hazard, reacts with oxidising materials and must therefore be stored in a clean place away from the presence of all oxidants.
- b) Spontaneous Heating:  
Moderate fire hazard when wet or tightly packed.
- c) Explosion Hazard:  
Slight when exposed to heat or flame.

### 4. FIRST AID MEASURES.

Eyes: Contact with eyes may cause irritation. Irrigate thoroughly with water. If irritation persists seek medical advice.  
Skin Contact: No reported health effects – clean skin with soap and water.  
Ingestion: DO NOT INDUCE VOMITING.  
Inhalation: Remove patient to fresh air. Seek medical advice if necessary.

### 5. FIRE FIGHTING MEASURES.

Charcoal will support combustion in a serious fire. The products of combustion are carbon dioxide and carbon monoxide.  
Suitable extinguishing media includes water spray, dry powder, foam or carbon dioxide. (Do not use water jet.)



## 6. ACCIDENTAL RELEASE MEASURES.

Spills: The charcoal may be swept up for disposal or re-use.  
Disposal: May be disposed of as general waste. After use as a fuel ensure that ashes are no longer hot before disposal. Avoid seeping or washing into drains where blockages / obstruction may occur.

## 7. HANDLING AND STORAGE.

Store in clean, dry conditions away from oxidising agents.

When handling/using the fuel:

- a) Ensure barbecue is positioned on a flat surface and well away from dry vegetation or any other readily ignitable material.
- b) Ignite using proprietary barbecue lighter fuels i.e. cubes, blocks or fluid. Never use alcohol, petrol or other volatile substances.
- c) Never add fluid to a burning or warm barbecue.
- d) Never light indoors or in an enclosed area without adequate ventilation.
- e) For indoor commercial applications, permanent extraction/ventilation must be provided.
- f) Never leave a lit barbecue unattended.
- g) Never move a lit barbecue and ensure the ashes have cooled before cleaning.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Exposure standard (OES) – nuisance dust only – 10 mg/m<sup>3</sup> for total inhalable dust, 4 mg/m<sup>3</sup> respirable dust.  
Inhalation of dust – respiratory protection not normally required in normal use. Use product in well ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance: Black amorphous solid  
Melting point: 3,500 °C  
Boiling point: 4,200 °C  
Flash point: Not applicable

## 10. STABILITY AND REACTIVITY.

These products are stable and unlikely to react in a hazardous manner under normal conditions.

## 11. TOXICOLOGICAL INFORMATION.

Charcoal is considered safe for acute local, acute systemic and chronic systemic exposure. It can be considered as a mild irritant for chronic local exposure in the form of inhalation.

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## **12. ECOLOGICAL INFORMATION.**

Environmental Assessment: When usage and disposal are carried out as specified, no adverse environment effects can be foreseen.  
Persistence and Degradability: Inherently biodegradable.

## **13. DISPOSAL CONSIDERATIONS**

May be disposed of as general waste. Ensure ashes are cold before disposal.

## **14. TRANSPORT INFORMATION**

Not classified as dangerous for conveyance.  
UN Number: 1361 - refers to carbon, animal or vegetable origin.

## **15. REGULATORY INFORMATION**

Charcoal and wax are not classified as dangerous substances.