



# HUMPHREY CHARCOAL CORPORATION

## SAFETY DATA SHEET

Revision Date: January 13, 2018

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Product Identifier:** Humphrey Charcoal Briquets

**Recommended use/Restrictions on use:** Fuel for cooking outdoors

**Restrictions on use:** None

**Manufacturer:** HUMPHREY CHARCOAL CORPORATION

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(814) 849-2302 \* FAX: (814) 849-8077

### 2. HAZARD IDENTIFICATION

**Classification:** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard.

**GHS label elements:** Signal Word: Danger

**Carcinogen:** Category 1A



**Hazard statement:** May cause cancer through inhalation.

**Appearance:** Solid square black pillow shape briquet odorless

#### Precautionary Statements:

**Prevention:** Obtain instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear eye protection.

Do not breathe dust.

**Exposure:** Seek medical advice if exposure is of concern

**Hazards not otherwise classified (HNOC): 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.

**Other information:** Never barbeque indoors. Never use gasoline to light charcoal. Do not add lighter fluid directly to burning or hot charcoal. Barbecue away from flammable items, overhangs, and trees. Make sure ashes are cold before discarding.

**Interactions with Other Chemicals:** Reacts with strong oxidizers to catch on fire.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	%	CAS Number	Trade Secret
Charcoal	70 - 90	16291-96-6	X
Wood dust	< 10%	RR-00514-1	X
Limestone	< 10%	1317-65-3	X
Sodium Nitrate	.1 - .5 %	7631-99-4	X

### 4. FIRST AID MEASURES

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Wash skin with soap and water. If irritation persists, call a doctor.

**Inhalation:** Move to fresh air. If breathing problems develop, call a doctor.

**Ingestions:** Drink a glassful of water. Call a doctor or poison control center.

**Important Symptom:** Dust may cause eye irritation. Inhalation of dust may irritate nose and throat.

**If treatment is needed:** Show this safety data sheet to treating physician.

**Note to Physician:** Treat Symptomatically

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Water, foam, or any other appropriate means of extinguishing a fire.

**Unsuitable Extinguishing Media:** None

**Chemical Hazards from Fire:** None

**Protective equipment/precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with eyes. Ensure adequate ventilation. Use personal protective equipment as required. Refer to protective measures listed in Sections 7 and 8.

**Methods for Containment:** Prevent further spillage if safe to do so.

**Methods for Cleaning Up:** Remove heat and ignition sources. Vacuum sweep, if possible, to avoid generating airborne dust. Wash residual to on-site treatment area, where appropriate. If treatment area is not available, wash down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

### 7. HANDLING AND STORAGE

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing.

**Storage:** Store in a dry area away from open flames, heat sources, and other ignition sources.

**Incompatible Products:** Strong oxidizers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Charcoal 16291-96-6	TWA - 0.4 mg/m <sup>3</sup> (dust, respirable fraction) <sup>a</sup> <sup>a</sup> based on TWA for anthracite coal dust	None listed	None listed
Wood dust	0.5 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> , total dust (5 mg/m <sup>3</sup>	TWA – 1 MG/M <sup>3</sup>
Limestone	None listed	TWA - 15 mg/m <sup>3</sup> (total dust) TWA - 5 mg/m <sup>3</sup> (respirable fraction)	TWA - 15 mg/m <sup>3</sup> (total dust) TWA - 5 mg/m <sup>3</sup> (respirable dust)
Sodium Nitrate	None listed	None listed	None listed

**Engineering Measures:** Showers, eyewash stations, ventilation systems.

### Personal protective equipment

**Eye/Face Protection:** Wear safety glasses.

**Skin and Body Protection:** Wear rubber or neoprene gloves.

**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, respiratory protection should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid	<b>Color:</b>	Black
<b>Appearance:</b>	Pillow shaped briquet	<b>Odor:</b>	None
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
pH	Not applicable	None	
Melting/freezing point	No data available	None	
Boiling point / boiling range	No data available	None	
Flash Point	Not applicable	None	
Evaporation rate	No data available	None	
Flammability (solid, gas)	No data available	None	
Flammability Limits in Air			
Upper flammability limit	No data available	None	
Lower flammability limit	No data available	None	
Vapor pressure	No data available	None	
Vapor density	No data available	None	
Bulk density	~0.9 g/cm <sup>3</sup>	None	
Water Solubility	Insoluble in water	None	
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
Solubility in other solvents	No data available	None	
Partition coefficient: n-octanol/water	No data available	None	
Autoignition temperature	No data available	None	
Kinematic viscosity	No data available	None	
Dynamic viscosity	No data available	None	
Explosive Properties	Not explosive		
Oxidizing Properties	No data available		

## 10. STABILITY AND REACTIVITY

**Reactivity:** Reacts with strong oxidizers to catch on fire.

**Chemical stability:** Stable under recommended storage conditions.

**Hazardous Reactions:** None under normal use.

**Conditions to avoid:** Flames, heat sources, and ignition sources.

**Incompatible materials:** Strong oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### Routes of Exposure

- Inhalation:** Inhalation may irritate respiratory tract.
- Eye Contact:** Dust may cause temporary eye irritation.
- Skin Contact:** Minor or no effects expected.
- Ingestion:** Minor or no effects expected.

Chemical Name	ACGIH	IARC	NTP	OSHA
Wood dust, soft and hard woods RR-00514-1		Group 1	Known	X

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*IARC: (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans*

*NTP: (National Toxicology Program) Known - Known Carcinogen*

*OSHA: (Occupational Safety & Health Administration) X - Present*

**Chronic Toxicity:** Wood dust has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1). 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.

**Target Organ Effects:** Respiratory system, reproductive system, eyes.

**Aspiration Hazard:** Not an aspiration hazard.

## 12. ECOLOGICAL INFORMATION

- Ecotoxicity:** The environmental impact of this product has not been fully investigated.
- Persistence and Degradability:** No information available.
- Bioaccumulation:** No information available.
- Other adverse effects:** No information available.

## 13. DISPOSAL

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

## 14. TRANSPORT INFORMATION

- DOT:** Not restricted per 49 CFR 172.101(c)(12)(iv).
- TDG:** Not restricted per TDG regulations Part 146(c)(iii).
- IMDG/IMO:** Carbon, not activated. Not restricted. Passes self-heating carbon test.

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories:**

**Acute Health Hazard:** No

**Chronic Health Hazard:** Yes

**Fire Hazard:** Yes

**Sudden Release of Pressure Hazard:** No

**Reactive Hazard:** No

**Clean Water Act:** This product does not contain any substances that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### **US State Regulations**

**California Proposition 65:** This product does contain small amounts (less than 10%) of wood dust. Wood Dust may contain ingredients that are on the California Proposition 65 lists. Although our briquets do contain wood dust, the hazardous exposure limits are more commonly found in the woodworking industry.

**Prop 65 WARNING:** Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection.

## 16. OTHER INFORMATION

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**Date Revised:** 1/20/2016

### General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.