1. IDENTIFICATION

Product Identifier
Product Name: Warren Charcoal Briquets

Other means of identification
SDS #: WOC-053

Recommended use of the chemical and restrictions on use
Recommended Use: Fuel for cooking food outdoors

Details of the supplier of the safety data sheet
Supplier Address:
Warren Oil Company, LLC
2340 U.S. 301 North
Dunn, NC 28335

Emergency Telephone Number
Company Phone Number: 1-800-779-6456
Emergency Telephone (24 hr): CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>Toxic to reproduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1A</td>
<td>Category 1B</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

Emergency Overview

Signal word: Danger

Hazard Statements
May cause cancer (inhalation)
May damage fertility or the unborn child.

Appearance: Square black pillow briquet  Physical State: Solid  Odor: None
Precautionary Statements – Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear eye protection such as safety glasses.
Do not breathe dust.

Precautionary Statements – Responses
If exposed or concerned: Get medical advice.

Precautionary Statements – Storage
Store locked up.

Precautionary Statements – Disposal
Dispose of contents in accordance with all applicable federal, state, and local regulations.

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. Barbeque away from flammable items, overhangs, and trees. Make sure ashes are cold before discarding.

Interaction with Other Chemicals
Reacts with strong oxidizers to catch on fire.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charcoal</td>
<td>16291-96-6</td>
<td>70 – 90</td>
<td>X</td>
</tr>
<tr>
<td>Wood dust</td>
<td>RR-00514-1</td>
<td>&lt; 10</td>
<td>X</td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>&lt; 10</td>
<td>X</td>
</tr>
<tr>
<td>Sodium Nitrate</td>
<td>7631-99-4</td>
<td>.1 – .5</td>
<td>X</td>
</tr>
</tbody>
</table>

### 4. FIRST-AID MEASURES

First aid measures

**General Advice**
Show this safety data sheet to the doctor in attendance.

**Eye Contact**
Hold eye open and rinse slowly and gently with water 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.

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

**Protection of First-aiders**
Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required. Wear personal protective clothing (see Section 8).

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects**
Dust may cause eye irritation. Inhalation of dust may irritate nose and throat.

**Indication of any immediate medical attention and special treatment needed**
Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media
None known.

Explosion Data

Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
None.

Protective equipment and 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, protective equipment and emergency procedures

Personal Precautions
Avoid contact with eyes. Ensure adequate ventilation. Use personal protective equipment as required.

Other information
Refer to protective measures listed in Sections 7 and 8.

Environmental precautions
See Section 12 for ecological information.

Methods and material for containment and cleaning up

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

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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

Incompatible Products
Strong oxidizers.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charcoal 16291-96-6</td>
<td>TWA – 0.4 mg/m³ (dust, respirable fraction)*</td>
<td>None listed</td>
<td>None listed</td>
</tr>
<tr>
<td></td>
<td>*based on TWA for anthracite coal dust</td>
<td>------------------------------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>Limestone</td>
<td>None listed</td>
<td>TWA – 15 mg/m³ (total dust)</td>
<td>TWA – 15 mg/m³ (total dust)</td>
</tr>
<tr>
<td></td>
<td>TWA – 5 mg/m³ (respirable fraction)</td>
<td>TWA – 5 mg/m³ (respirable dust)</td>
<td>TWA – 5 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>Wood dust</td>
<td>0.5 mg/m³</td>
<td>15 mg/m³, total dust (5 mg/m³)</td>
<td>TWA – 1 mg/m³</td>
</tr>
<tr>
<td>Sodium Nitrate</td>
<td>None listed</td>
<td>None listed</td>
<td>None listed</td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures
- Showers
- Eyewash stations
- Ventilation systems

Individual protection measures, such as 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, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures
- Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>Square briquette</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Bulk density</td>
<td>~0.7 g/cm³</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble in water</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
</tbody>
</table>
Partition coefficient: n-octanol/water
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive Properties
Oxidizing Properties

Other Information
Softening Point
VOC Content (%)
Particle Size
Particle Size Distribution

10. STABILITY AND REACTIVITY

Reactivity
Reacts with strong oxidizers to catch on fire.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Flames, heat sources, and ignition sources.

Incompatible Materials
Strong oxidizers.

Hazardous Decomposition Products
None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood dust, soft and hard woods</td>
<td>Group 1</td>
<td></td>
<td>Known</td>
<td>X</td>
</tr>
<tr>
<td>RR-00514-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 CONSIDERATIONS

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

#### Contaminated Packaging
Dispose of in accordance with all applicable federal, state, and local regulations.

### 14. TRANSPORT INFORMATION

#### DOT

#### TDG
Not restricted per TDG regulations Part 146(c)(iii).

#### ICAO

#### IATA

#### IMDG/IMO

### 15. REGULATORY INFORMATION

#### Chemical Inventories

##### TSCA
All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.

##### DSL/NDSL
All components are on the DSL or NDSL.

**TSCS** – United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List
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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

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 not contain any Proposition 65 chemicals.

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.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS Health Hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>0*</td>
<td>1</td>
<td>0</td>
<td>A</td>
</tr>
</tbody>
</table>

*Indicates a chronic health hazard

Issue Date: 10-Mar-2014
Revision Date: 07-Apr-2015
Revision Note: New format

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.

End of Safety Data Sheet