



# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Kingsford® Professional Competition Briquets

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Fuel for cooking food outdoors

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

The Clorox Company  
1221 Broadway  
Oakland, CA 94612

Phone: 1-510-271-7000

### Emergency telephone number

#### **Emergency Phone Numbers**

For Medical Emergencies, call: 1-800-446-1014  
For Transportation Emergencies, call 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).

Toxic to reproduction	Category 1B
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### GHS Label elements, including precautionary statements

#### Emergency Overview

<b>Signal word</b>	<b>Danger</b>		
<b>Hazard Statements</b>	May damage fertility or the unborn child.		
			
<b>Appearance</b>	Square black briquet	<b>Physical State</b>	Solid
		<b>Odor</b>	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.

### Precautionary Statements - Response

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.

### Unknown Toxicity

80 - 95% of the mixture consists of ingredients of unknown toxicity.

### 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-No	Weight %	Trade Secret
Charcoal	16291-96-6	80 - 95	*
Limestone	1317-65-3	< 7	*
Sodium tetraborate pentahydrate	12179-04-3	0.5 - 1.5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Wash skin with soap and water. If irritation persists, call a doctor.
<b>Inhalation</b>	Move to fresh air. If breathing problems develop, call a doctor.
<b>Ingestion</b>	Drink a glassful of water. Call a doctor or poison control center.
<b>Protection of First-aiders</b>	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

<b>Most Important Symptoms and Effects</b>	Dust may cause eye irritation. Inhalation of dust may irritate nose and throat.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 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.

#### Specific Hazards Arising from the Chemical

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

<b>Personal Precautions</b>	Avoid contact with eyes. Ensure adequate ventilation. Use personal protective equipment as required.
<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

<b>Environmental Precautions</b>	See Section 12 for ecological Information.
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### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further spillage if safe to do so.
<b>Methods for Cleaning Up</b>	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

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing.
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### Conditions for safe storage, including any incompatibilities

<b>Storage</b>	Store locked up in a dry area away from open flames, heat sources, and other ignition sources.
<b>Incompatible Products</b>	Strong oxidizers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

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	None
Limestone 1317-65-3	None	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 tetraborate pentahydrate 12179-04-3	STEL - 6 mg/m <sup>3</sup> (inhalable fraction) <sup>b</sup> STEL - 2 mg/m <sup>3</sup> (inhalable fraction) <sup>b</sup> <sup>b</sup> Listed under borate compounds, inorganic	None	TWA - 1 mg/m <sup>3</sup>

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**

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Wear safety glasses.
<b>Skin and Body Protection</b>	Wear rubber or neoprene gloves.
<b>Respiratory Protection</b>	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.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

<b>Physical State</b>	Solid	<b>Odor</b>	None
<b>Appearance</b>	Square briquet	<b>Odor Threshold</b>	No information available
<b>Color</b>	Black		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
<b>pH</b>	Not applicable	None known
<b>Melting/freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	Not applicable	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No data available	None known
<b>Lower flammability limit</b>	No data available	None known
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Bulk density</b>	~0.6 g/cm <sup>3</sup>	None known
<b>Water Solubility</b>	Insoluble in water	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive Properties</b>	Not explosive	
<b>Oxidizing Properties</b>	No data available	

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## 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

<b>Inhalation</b>	Inhalation may irritate respiratory tract.
<b>Eye Contact</b>	Dust may cause temporary eye irritation.
<b>Skin Contact</b>	Minor or no effects expected.
<b>Ingestion</b>	Minor or no effects expected.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium tetraborate pentahydrate 12179-04-3	2.4 g/kg (Rat)	-	-

### Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes. Inhalation of dust may irritate respiratory tract.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredients listed as a carcinogen.
<b>Reproductive Toxicity</b>	Contains a known or suspected reproductive toxin (sodium tetraborate decahydrate).

<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	Contains a known or suspected reproductive toxin. Possible risk of irreversible effects.
<b>Target Organ Effects</b>	Respiratory system, reproductive system, eyes.
<b>Aspiration Hazard</b>	Not an aspiration hazard.

#### **Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

No information available.

## **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**

<b><u>DOT</u></b>	Not restricted per 49 CFR 172.101(c)(12)(iv).
<b><u>TDG</u></b>	Not restricted per TDG regulations Part 146(c)(iii).
<b><u>ICAO</u></b>	Carbon, not activated. Not restricted. Passes self-heating carbon test.
<b><u>IATA</u></b>	Carbon, not activated. Not restricted. Passes self-heating carbon test.
<b><u>IMDG/IMO</u></b>	Carbon, not activated. Not restricted. Passes self-heating carbon test.

**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.

**TSCA** - 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**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	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**

**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.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Limestone 1317-65-3		X	X	X	
Sodium tetraborate pentahydrate 12179-04-3		X			

**International Regulations**

**Canada**

**WHMIS Hazard Class**

D2A - Very toxic material





**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 0	Flammability 1	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 0*	Flammability 1	Physical Hazard 0	Personal Protection A

*.\*Indicates a chronic health hazard*

**Prepared By** Product Stewardship  
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 Latham, NY 12110  
 1-800-572-6501

**Revision Date** New

**Revision Note** New

**Reference** CLX0060/128702.002

**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.

**End of Safety Data Sheet**