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# MATERIAL SAFETY DATA SHEET

MSDS No.: CC0252  
Revision Date: February 19, 2011  
Approved by: James A. Bertsch

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## Section 1 Chemical Product and Company Information

Product	CHARCOAL, BLOWPIPE STICKS
Synonyms	N/A

CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300

## Section 2 Hazards Identification

Emergency Overview

### WARNING! SPONTANEOUSLY COMBUSTIBLE!

Keep away from heat, sparks and flame. Store away from oxidizers. Use with adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Target organs: None known.

0 = Minimal  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

Health	0
Fire	1
Reactivity	0
Contact	0

HMIS \*

## Section 3 Composition / Information on Ingredients

Chemical Name	CAS #	%	TLV Units
Activated carbon	7440-44-0	100%	TWA: 15 mg/m <sup>3</sup> total dust 8 hour (ACGIH 2001)

## Section 4 First Aid Measures

**INGESTION:** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire Fighting Measures

**General information:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Dust dispersed in air becomes explosive when exposed to ignition source.

**Extinguishing Media:** Carbon dioxide, dry chemical, water spray, alcohol foam.

**Flash Point:** Combustible.

**Autoignition temperature:** N/A

**Explosion Limits: Lower:** N/A **Upper:** N/A

## Section 6 Accidental Release Measures

Use proper personal protective equipment as indicated in Section 8. Remove all sources of ignition. Provide adequate ventilation. Recover for use if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water. Avoid runoff into storm sewers and ditches which lead to waterways.

NFPA

0 = Minimal  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe



None listed.

## Section 7 Handling & Storage FLAMMABLE STORAGE CODE RED

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. **Handling:** Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid ingestion. Do not inhale dusts. Wash thoroughly after handling. Remove and wash clothing before reuse. **Storage:** Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from ignition sources.

## Section 8 Exposure Controls / Personal Protection

**Engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

**Respiratory protection:** None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

## Section 9 Physical & Chemical Properties

**Physical state:** Solid.  
**Appearance:** Black sticks.  
**Odor:** No odor.  
**pH:** N/A  
**Vapor pressure (mm Hg):** N/A  
**Vapor Density (Air = 1):** N/A  
**Evaporation rate (= 1):** N/A  
**Viscosity:** N/A

**Boiling point:** N/A  
**Freezing / Melting point:** N/A  
**Decomposition temperature:** N/A  
**Solubility:** Insoluble.  
**Specific gravity (H<sub>2</sub>O = 1):** N/A  
**Percent volatile (%):** 100%  
**Molecular formula:** N/A  
**Molecular weight:** N/A

## Section 10 Stability & Reactivity

**Chemical stability:** Stable **Hazardous polymerization:** Will not occur.

**Conditions to avoid:** Excessive temperatures, heat, sparks, open flame and other sources of ignition.

**Incompatibilities with other materials:** Strong oxidizers.

**Hazardous decomposition products:** Oxides of carbon.

## Section 11 Toxicological Information

**Effects of overexposure:** May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. May be harmful if swallowed. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

RTCS No.: FF5250100  
ORL-RAT LD50: N/A  
IVN-MUS LD50: 440 mg/kg

## Section 12 Ecological Information

Data not yet available.

## Section 13 Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

## Section 14 Transport Information

**UN/NA number:** NA1361  
**Shipping name:** Charcoal  
**Hazard class:** 4.2  
**Packing group:** III  
**Exceptions:** N/A

## Section 15 Regulatory Information

TSCA-listed. EINECS-listed (231-153-3)

## Section 16 Additional Information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards.