



### SAFETY DATA SHEET

## 1. Identification

Product Name: Activated Charcoal  
 Product Code:  
 SDS Date: 3/1/2019  
 Use: Adsorbent, color removal, filter aid

Address: BVV  
 1251 Frontenac Rd. Ste 150  
 Naperville IL 60563  
 Phone: (331) 281-0154

CHEMTEL: (800) 255-3924

## 2. Hazard(s) Identification

GHS Classification

Combustible Dust

Pictogram

Signal Word Warning

Hazard Statement

May form combustible dust concentrations in air

Precautionary

None Applicable

Hazards Not Otherwise Classified: None Applicable

## 3. Composition/Information On Ingredients

Name	Cas	WT%
Charcoal	7440-44-0	99-100%

## 4. First-aid Measures

<b>General Advice:</b>	Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.
<b>If Inhaled:</b>	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
<b>In Case of Skin Contact:</b>	Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.
<b>In Case of Eye Contact:</b>	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
<b>If Swallowed:</b>	If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
<b>Most Important Symptoms and Effects, Both Acute and Delayed:</b>	Dust may cause mechanical eye irritation.
<b>Indications of Any Immediate Medical Attention and Special Treatment Needed:</b>	Treat symptoms and reduce over-exposure.

## 5. Fire-fighting Measures

<b>Extinguishing Media:</b>	Water, Dry powder / dry sand, alcohol-resistant foam, dry chemical or CO2
<b>Specific Hazards:</b>	If product is allowed to become airborne, it may cause a dust explosion hazard when in high concentrations such as within confined spaces. Keep dust away from heat, sparks and flames.
<b>Advice for Firefighters</b>	Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

## 6. Accidental Release Measures

<b>Small Spill:</b>	Sweep or vacuum material. Transfer to secondary container to be properly disposed.
<b>Large Spill:</b>	Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Notify proper authorities that a spill has occurred.
<b>Environmental Precautions:</b>	Do not let product enter drains, do not allow to sewers/surface or ground water. See Section 12, Ecological information.
<b>Methods and Materials for Containment and Clean Up:</b>	Pick up released product with appropriate implements & return to original container if reusable, or dispose. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

## 7. Handling and Storage

### Safe Handling:

Avoid dust formation. Provide sufficient air exchange and/or exhaust in work rooms. In case of insufficient ventilation, wear suitable respiratory equipment. For personal protection see section 8. Handle and open container with care.  
If you require advice on safe handling techniques or specific uses, please contact your supplier or check the further information referred to in section 16.

### Safe Storage:

Minimize airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting. Activated carbon can lead to a reduction of oxygen in closed containers.

## 8. Exposure Controls/Personal Protection

Name	CAS		
Charcoal	7440-44-0		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Listed	Not Listed	Not Listed	Not Listed

### Engineering Control:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

### Eye/Face Protection:

Safety glasses are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

### Hand Protection:

Use protective gloves as appropriate to minimize skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

### Body Protection:

Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

### Respiratory Protection:

Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

## 9. Physical and Chemical Properties

### Appearance:

Activated Charcoal

Black powder

### Odor:

Activated Charcoal

Odorless

### Odor Threshold:

Activated Charcoal

Not Available

### pH:

Activated Charcoal

Neutral

### Melting/Freezing Point:

Activated Charcoal

Not Applicable

### Initial Boiling Point/Range:

Activated Charcoal

Not Applicable

### Flash Point:

Activated Charcoal

Not Available

### Evaporation Rate:

Activated Charcoal

Not Available

### Flammability:

Activated Charcoal

Not Applicable

### Upper Explosion Limit:

Activated Charcoal

Not Applicable

### Lower Explosion Limit:

Activated Charcoal

Not Applicable

<b>Vapor Pressure:</b>	Activated Charcoal	Not Applicable
<b>Vapor Density:</b>	Activated Charcoal	Not Applicable
<b>Relative Density:</b>	Activated Charcoal	Not Available
<b>Water Solubility:</b>	Activated Charcoal	Not Soluble
<b>Partition Coefficient:</b>	Activated Charcoal	Not Applicable
<b>Auto Ignition Temp:</b>	Activated Charcoal	452 °C (845.6 °F)
<b>Decomposition Temp:</b>	Activated Charcoal	Not Applicable
<b>Viscosity:</b>	Activated Charcoal	Not Applicable
<b>Specific Gravity 4°C:</b>	Activated Charcoal	(Water=1) 3.51

## 10. Stability and Reactivity

<b>Reactivity:</b>	No data is available.
<b>Chemical Stability:</b>	Product is stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available.
<b>Incompatible Materials:</b>	Keep away from oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition can include Carbon oxides.

## 11. Toxicological Information

<b>Name:</b>	Activated Charcoal	<b>CAS:</b>	7440-44-0
<b>Skin Corrosion/Irritation:</b>	This product is not considered a skin sensitizer.		
<b>Serious Eye Damage/Eye Irritation:</b>	Exposure with this product can be irritating to exposed eyes.		
<b>Respiratory Sensitization:</b>	This product is not anticipated to be an aspiration hazard.		
<b>Germ Cell Mutagenicity:</b>	This product does not contain components which are documented as Germ Cell Mutagenicity hazards.		
<b>Carcinogenicity:</b>	Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.		
<b>Reproductive:</b>	This product does not contain components which are documented as reproductive hazards.		
<b>Specific Target Organ Toxicity (Single Exposure):</b>	No specific data available for this product.		
<b>Specific Target Organ Toxicity (Repeated Exposure):</b>	No specific data available for this product.		

## 12. Ecological Information

Name	CAS	Toxicity
Activated Charcoal	7440-44-0	No specific data available on this product.

## 13. Disposal Considerations

**PRODUCT DISPOSAL:** Can be disposed of as solid waste in a suitable installation subject to the Environmental Protection (Duty of Care) Regulations. Avoid dust formation. Where possible recycling is preferred to disposal or incineration.

**COMMENTS:** The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional/local authority requirements.

## 14. Transportation Information

Proper Shipping Name:	Not Regulated
Hazard Class	N/A
Identification Number:	N/A
Packing Group:	N/A
Label	N/A
Ship:	N/A

## 15. Regulatory Information

Name	CAS
Activated Charcoal	7440-44-0
<b>United States Regulations:</b>	
<b>SARA 302/304/313</b>	This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.
<b>TSCA</b>	All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.
<b>CERCLA</b>	None
<b>SARA 311/312</b>	Acute Health: No Chronic Health: No Fire: Yes Reactivity: No
<b>PROP 65</b>	This product does not contain chemicals on the Prop 65 list.
<b>Canadian Regulations:</b>	
<b>DSL/NDL INVENTORY STATUS:</b>	All of the components of this product are on the DSL Inventory
<b>ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:</b>	
	No component of this product is on the CEPA First Priorities Substance Lists.
<b>WHMIS CLASSIFICATION and SYMBOLS:</b>	
<b>SARA 311/312</b>	Acute Health: No Chronic Health: No Fire: Yes Reactivity: No

## 16. Other Information Including Date of Preparation or Last Revision

## 10. Other information, including Date of Preparation of Last Revision

SDS Date:

3/1/2019

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