



BUILDING VISION AND VARIETY

Date: 3/1/2019

Product Code HPHC

SAFETY DATA SHEET

1. Identification

Product Name: High pH Carbon
Product Code: HPHC
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

Classification of the Mixture

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and WHMIS 2015.

Pictogram

None Applicable

Signal Word

Warning

GHS Hazard Classification(s)

Combustible Dust

Hazard Statement

May form combustible dust concentrations in air

Prevention

Statement(s):

None Applicable

Response Statement(s):

None Applicable

Storage Statement(s):

None Applicable

Disposal Statement(s):

None Applicable

Hazards Not Otherwise Classified:

None Applicable.

3. Composition/Information On Ingredients

Name	CAS #	WT%	Concentration
Carbon	7440-44-0	99-100%	COMBUSTIBLE DUST

4. First-aid Measures

Description of First Aid Measures:	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.
If Inhaled:	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
In Case of Skin Contact:	Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.
In Case of Eye Contact:	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
If Swallowed:	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.
Most Important Symptoms and Effects, Both Acute and Delayed:	Dust may cause mechanical eye irritation.
Medical Conditions Aggravated By Exposure:	This material or its emissions may aggravate pre-existing disorders involving any target organs mentioned in this Safety Data Sheet as being at risk.
Indications of Any Immediate Medical Attention and Special Treatment Needed:	Treat symptoms and reduce over-exposure.

5. Fire-fighting Measures

Extinguishing Media:	Water, Dry powder / dry sand, alcohol-resistant foam, dry chemical or CO2.
Specific Hazards Arising from the Chemical:	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. Explosion Sensitivity to Mechanical Impact: Not Sensitive. Explosion Sensitivity to Static Discharge: Not Sensitive. Minimum Ignition Energy (M.I.E.): No Data at this time
Special Firefighting Procedure	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.

HAZARD	HMIS	NFPA
Health	1	0
Flammability	0	1
Physical Hazard	0	0
Personal Protection	X	-

6. Accidental Release Measures

Environmental Precautions:	Do not let product enter drains, do not allow to sewers/surface or ground water. See Section 12,
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Ecological information.

Methods and Materials for Containment and Clean Up:

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).

Small Spill:

Sweep or vacuum material. Transfer to secondary container to be properly disposed.

Large Spill:

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.

7. Handling and Storage

General Procedures:

Wash hands before breaks and at the end of workday.

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.

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	OSHA STEL	ACGIH TWA	ACGIH STEL
Carbon	7440-44-0			
OSHA TWA				
Not Listed		Not Listed	Not Listed	Not Listed

Exposure Control:

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

Ventilation & Engineering Controls:

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.

Skin 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:

Carbon

Black powder

Physical State:

Carbon

Solid (powder)

Odor:	Carbon	Odorless
Odor Threshold:	Carbon	Not Available
pH:	Carbon	7-10
Melting/Freezing Point:	Carbon	Not Applicable
Initial Boiling Point/Range:	Carbon	Not Applicable
Flash Point:	Carbon	Not Available
Evaporation Rate:	Carbon	Not Available
Flammability:	Carbon	Not Applicable
Flammable Limits:	Carbon	Not Applicable
Explosive Properties:	Carbon	Not Applicable
Oxidising Properties:	Carbon	Not Applicable
Vapor Pressure:	Carbon	Not Applicable
Vapor Density:	Carbon	Not Applicable
Relative Density:	Carbon	Not Available
Water Solubility:	Carbon	Not Soluble
Partition Coefficient:	Carbon	Not Applicable
Auto Ignition Temp:	Carbon	Not Available
Decomposition Temp:	Carbon	Not Applicable
Viscosity:	Carbon	Not Applicable
Specific Gravity 4°C (Water=1)	Carbon	3.5
Density:	Carbon	Not Available
VOC:	Carbon	Not Applicable
Weight Per Gallon:	Carbon	Not Applicable

10. Stability and Reactivity

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

11. Toxicological Information

Name: Carbon	CAS: 7440-44-0
Irritancy of Product:	Exposure with this product can be irritating to exposed eyes.
Sensitization of Product:	This product is not considered a skin sensitizer.
Aspiration Hazard:	This product is not anticipated to be an aspiration hazard.

Germ Cell Mutagenicity:	This product does not contain components which are documented as Germ Cell Mutagenicity hazards.
Carcinogenicity:	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.
Reproductive:	This product does not contain components which are documented as reproductive hazards.
Specific Target Organ Toxicity- Single Exposure:	No specific data available for this product.
Specific Target Organ Toxicity- Repeated Exposure:	No specific data available for this product.

12. Ecological Information

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION

Name	CAS	Toxicity
Carbon	7440-44-0	No specific data available on this product.
Persistence and Degradability:		No specific data available on this product.
Bioaccumulative Potential:		No specific data available on this product.
Mobility in Soil:		No specific data available on this product.
Results of PBT and vPvB assessment:		No specific data available on this product.
Other adverse effects:		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
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Carbon	7440-44-0
SARA 302/304/313	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.
TSCA	All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.
CERCLA	CERCLA Reportable Quantity RQ: None
SARA 311/312	Acute Health: No Chronic Health: No Fire: Yes Reactivity: No
Clean Water Act	None of the chemicals in this product are listed as Hazardous Substances under the CWA.
PROP 65	This product does not contain chemicals on the Prop 65 list.
Canadian Regulations:	
Canadian DSL/NDSL Inventory Status:	All of the components of this product are on the DSL Inventory
Canadian Environmental Protection Act (CEPA) Priorities Substance Lists:	No component of this product is on the CEPA First Priorities Substance Lists.
Canadian WHMIS Classification and Symbols:	This product is categorized as per WHMIS 2015 Controlled Product Regulations.

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

SDS Date: 3/1/2019

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