



## Section 4. First-aid measures

Rout(s) of Exposure	Symptoms	First Aid
Inhalation	Dust may cause mild respiratory irritation	Remove to fresh air. Seek medical attention if irritation persists
Skin	Dust may cause mild irritation/reddening	Wash with soap & water; seek medical attention if irritation persists.
Eye	Dust may cause eye irritation and redness.	Flush with lukewarm water for at least 15 minutes. If irritation persists seek medical attention.
Ingestion	May cause digestive track irritation.	Drink plenty of water and seek medical attention.

## Section 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Flood with plenty of water, use media suitable for surrounding the fire.
<b>Unsuitable Media</b>	None known.
<b>Unusual fire &amp; explosion hazards</b>	Contact with strong oxidizers may cause rapid combustion.
<b>Special Firefighting procedures</b>	Exercise caution when responding to any chemical fire. Firefighters should wear full protective gear

## Section 6. Accidental release measures

<b>Personal Precautions</b>	Wear protective equipment, keep unnecessary personnel away.
<b>General precautions</b>	Avoid contact with skin and eyes.
<b>Environmental Precautions</b>	None
<b>Containment &amp; Clean Up</b>	Sweep up and discard in protected refuse container.
<b>Other Information</b>	Not applicable

## Section 7. Handling and storage

<b>Safe Handling</b>	Avoid prolonged contact with eyes and skin. Use in well ventilated areas.
<b>Safe Storage</b>	Store in a cool, dry and well ventilated area. Protect containers from physical damage. Keep away from oxidizers, heat and flame.

## Section 8. Exposure controls/personal protection

Component	OSHA PEL	ACGIH-TLV	Other Limits
Activated Carbon	Not Available	Not Available	

<b>Engineering Guidelines</b>	Local exhaust and general ventilation to meet exposure standards. Wet activated carbon depletes oxygen from the air creating a severe hazard to workers in enclosed or confined spaces. Sampling and work procedures for low oxygen levels should be taken whenever workers entering carbon vessels, enclosed or confined spaces. If risk of overexposure exists, wear and approved respirator.
<b>Personal Protective Equipment</b>	Use NIOSH approved respirator if dust generated exceeds exposure limits. Gloves, safety glasses, work clothes as determined appropriate
<b>General Hygiene</b>	Keep away from food and beverages, remove contaminated clothing: wash hands before eating.

## Section 9. Physical and Chemical Properties

Physical State	Solid	Boiling point	NA
Appearance	Granular/powder	Flash Point	NA
Color	Black	Evaporation Rate	NA
Odor	None	Flammability (solid/gas) C	No Data Available
Odor Threshold	None	UEL	NA
Vapor Pressure	0	LEL	NA
pH	NA	Vapor Density	Solid
Relative Density	28 – 33 lbs/cubic ft	Partition Coefficient:	NA
Melting Point	NA	Auto ignition Temperature	No data available
Freezing Point	NA	Decomposition Temperature	NA
Solubility	None	Viscosity	NA

## Section 10. Stability and reactivity

<b>Incompatibility</b>	Strong oxidizers such as ozone or liquid oxygen, and chlorine
<b>Chemical Stability</b>	Stable
<b>Conditions to Avoid</b>	None
<b>Materials to Avoid</b>	Strong oxidizers such as ozone or liquid oxygen, and chlorine
<b>Hazardous Decomposition Products</b>	Carbon Monoxide and carbon dioxide may be generated during combustion.

## Section 11. Toxicological information

### Acute Effects

Oral LD50	Not Determined
Dermal LD 50	Not Determined
Inhalation	See Section IV
Ingestion	See Section IV Eye
Irritation	See Section IV Skin
Irritation	See Section IV
Sensitization	Not Determined
Signs and Symptoms of Exposure	Irritation and redness of eyes and skin. Dust may cause respiratory irritation

### Chronic Effects

Carcinogenicity	Not Determined
Mutagenicity	Not Determined
Reproduction Effects	Not Determined
Developmental Factors	Not Determined

## Section 12. Ecological information

Ecotoxicity	Not Determined
Persistence/Degradability	Not Determined
Bioaccumulation Potential	Not Determined
Mobility in Soil	Not Determined
Other Adverse Effects	Not Determined

## Section 13. Disposal considerations

Vacuum or shovel material in a closed container. Dispose of in accordance with all applicable local, state and federal and international regulations.

## Section 14. Transport information

<b>UN Number</b>	Not applicable
<b>UN Name</b>	Not applicable
<b>Ship in accordance with</b>	DOT/ADR/RID/ADNR/IMDP/ICAO/IATA

## Section 15. Regulatory information

<b>SARA Title III 302</b>	Product not listed
<b>SARA Title III 313</b>	Product not listed
<b>TSCA</b>	Product is listed
<b>Canadian – WHMIS</b>	Product is listed
<b>DSL #</b>	Product is listed

## Section 16. Other information, including date of preparation or last revision

<b>Issue date</b>	11-November-16
<b>Revision date</b>	12-October-2018

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