



Section 1 - Identification

Product Identification: GLT Carbon: GLTCS-AC, Activated Carbon

Product Use: Use in accordance with manufacturer recommendations

Manufacturer: Green Ladder Technologies LLC
1540 Louis Bork Dr.
Batavia, IL, 60510

Telephone: 630-457-1872

Emergencies: 630-457-1872

Section 2 - Hazard(s) Identification

Hazard Classification: GHS-US

Eye Irritation	2B	H320
Respiratory Irritation	3	H335

Signal Word: Irritant

Hazard Statement: Contact may cause eye irritation. Dust may cause respiratory irritation.

Hazard Pictogram:



Precautionary Statements:

P261	Avoid Breathing: dust/fume/gas/mist/vapor/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protections/face protection
P304/P340	If inhaled/Remove to fresh air
P305/P351/P338	If in eyes rinse cautiously with water. Remove contact lenses if easy.
P337/P313	If eye irritation persist: get medical attention
P403/P233	Store in well ventilated place. Keep container tightly closed
P405	Store locked up
P501	Dispose container to appropriate receptacle

Section 3 - Composition/Information on Ingredients

Chemical Name	(CAS#)	%, wt.	Impurities
Activated Carbon	7440-44-0	100	None

Section 4 - First Aid Measures

Route(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

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

Section 6 - Accidental Release Measures

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

Section 7 - Handling and Storage

Safe Handling: Avoid prolonged contact with eyes and skin. Use in well ventilated areas. Wash after handling.

Safe Storage: 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
Activated Carbon	N/A	N/A

Engineering Guidelines: 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 over exposure exists, wear and approved respirator.

Personal Protective Equipment: Use NIOSH approved respirator if dust generated exceeds exposure limits. Gloves, safety glasses, work clothes as determined appropriate

General Hygiene: Keep away from food and beverages, remove contaminated clothing and wash hands before eating.

Section 9 - Physical and Chemical Properties

Physical State	Solid	LEL	NA
Boiling point	NA	pH	NA
Appearance	Granular/powder	Vapor Density	Solid
Flash Point	NA	Relative Density	24-33 lbs./ft3
Color	Black	Partition Coefficient:	NA
Evaporation Rate	NA	Melting Point	NA
Odor	None	Auto ignition Temperature	No Data Avail.
Flammability (solid/gas) C	No Data Avail.	Freezing Point	NA
Odor Threshold	None	Decomposition Temperature	NA
UEL	NA	Solubility	None
Vapor Pressure	0	Viscosity	NA

Section 10 - Stability and Reactivity

Incompatibility:	Strong oxidizers such as ozone or liquid oxygen, and chlorine
Chemical Stability:	Stable
Conditions to Avoid:	None
Materials to Avoid:	strong oxidizers such as ozone or liquid oxygen, and chlorine.
Hazardous Decomposition Product:	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, federal and international regulations.

Section 14 - Transport Information

UN Number: Not applicable

UN Name: Not applicable

Ship in accordance with DOT/ADR/RID/ADNR/IMDP/ICAO/IATA

Section 15 - Regulatory Information

SARA Title III 302 Not listed

SARA Title III 313 Not listed

TSCA Products are listed

Canadian – WHMIS Products are listed

DSL # Products are listed

*RTK – Right to Know

Section 16 - Other Information

The information and recommendations listed are believed to be true and accurate to the best of our knowledge as of the prepared date below. Green Ladder Technologies LLC makes no warranty with respect to same and disclaims all liability for reliance therein.