SAFETY DATA SHEET

Section 1 - Identity
Product Codes:

CS830-1 (8x30 Mesh Coconut Shell Activated Carbon) (Carbon C)

MANUFACTURER NAME:

Summit Research
Only the best

Date Prepared: 01/21/2020

Section 2 - Hazardous Identification
2.1 GHS-US Classification

Eye Irritation	2B H320
STOT	SE 3 H335

2.2 Label Elements

Hazard Pictograms:
Signal word (GHS-US): :Warning
Hazard Statements:

Precautionary statements (GHS-US):
:H320 - Causes eye irritation
:H335 - May cause respiratory irritation
:P261 - Avoid breathing dust
:P264 - Wash thoroughly after handling
:P271 - Use in well-ventilated area
:P280 - Wear protective gloves/clothing/ eye & face protect
:P304 & 340 - IF INHALED: Remove person to fresh air
:P305 & 351 & 338 - If in eyes, rinse cautiously with water
:for several minutes. Remove contact lenses if present and
:continue rinsing
:P312 - Call Poison Control Center/Doctor if you feel sick
:P403 & 233 - Store in well-ventilated place. Keep container
:tightly closed
:P405 - Store locked up
:P501 - Dispose of container to appropriate receptacle

2.3 Other Hazards

No additional information available

2.4 Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

Name	CAS #	%	GHS_US classification
Carbon	7440-44-0	100	Not classified

Section 4 – First Aid Measures

4.1 Description of first aid measures

First aid after inhalation: Remove person to fresh air. If not breathing, administer CPR or artificial respiration. Get immediate medical attention.

First aid after skin contact: If skin reddening or irritation develops, seek medical attention, First aid after eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention. First aid after ingestion: If the material is swallowed, get immediate medical attention or advice. DO NOT induce vomiting unless directed to do so by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause respiratory irritation

Symptoms/injuries after skin contact: May cause skin irritation

Symptoms/injuries after eye contact: Causes serious eye damage

Symptoms/injuries after ingestion: May be harmful is swallowed

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: If involved with fire, flood with plenty of water

Unsuitable extinguishing media: None

5.2 Special hazards arising from substance or mixture

Fire hazard: None known

Explosion hazard: None known

Reactivity: Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc. may result in fire.

5.3 Advice for firefighters

Protection during firefighting: Firefighters should wear full protective gear

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Avoid contact with the skin and eyes

6.1.1 For non-emergency personnel

No additional information available

6.1.2 For emergency responders

No additional information available

6.2 Environmental precautions

None

6.3 Methods and material for containment and cleaning up

For containment: If possible, stop flow of product

Methods for cleaning up: Shovel or sweep up and put in closed container for disposal

6.4 Reference to other sections

No additional information available

Section 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Avoid contact with eyes. Wet activated carbon removes oxygen from air causing severe hazard to workers inside carbon vessels or onfined spaces

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Protect containers from physical damage. Store in dry, cool, well-ventilated area.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls/ personal protection

8.1 Control parameters

No additional information available

8.2 Exposure controls

Appropriate engineering controls: Local exhaust and general ventilation must be adequate to meet exposure standards

Hand Protection: None required under normal product handling conditions

Eye Protection: safety glasses

Skin and body protection: Wear suitable working clothes

Respiratory protection: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state :	Solid
Appearance :	Particulate
Color :	Black
Odor :	No data available
Odor threshold :	No data available
Ph :	No data available
Relative evaporation rate :	No data available
Melting point :	No data available
Freezing point :	No data available
Boiling point :	No data available
Flash point :	No data available
Self ignition temperature :	No data available
Decomposition temperature :	No data available
Flammability (solid, gas) :	No data available
Vapor Pressure :	No data available
Relative Vapor density @ 20 deg C :	No data available
Relative Density :	27-33 lb/ cubic foot
Solubility :	No data available
Log Pow :	No data available
Log Kow :	No data available
Viscosity, kinematic :	No data available
Viscosity, dynamic :	No data available
Explosive properties :	No data available
Oxidizing properties :	No data available
Explosive limits :	No data available

9.2 Other information

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc. may result in fire

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Will not occur

10.4 Conditions to avoid

None

10.5 Incompatible materials

Strong oxidizing and reducing agents such as ozone, liquid oxygen or chlorine.

10.6 Hazardous decomposition products

Carbon monoxide may be generated in the event of a fire.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity :	Not classified
Carbon (7440-44-0) LD50 oral rat :	>10000 mg/kg
Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Causes eye irritation
Respiratory or skin sensitization :	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
Specific target organ toxicity :	May cause respiratory irritation (single exposure)
Specific target organ toxicity :	Not classified (repeated exposure)
Aspiration hazard :	Not classified

Section 12: Ecological Information

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

No additional information available

Section 13: Disposal concerns

13.1 Waste treatment methods

Waste Disposal recommendations :	Dispose of contents/container in accordance with local/ regional/ international regulations

Section 14: Transportation information

In accordance with DOT/ADR/RID/ADNR/IMDG/ICAO/IATA

14.1 UN Number

Not applicable. See Note 1 below.

14.2 UN proper shipping name

Not applicable

Note 1: Under the UN classification for activated carbon, all activated carbons have been identified as a class 4.2 product. However, This product has been tested according to the United Nations Transport of Dangerous Goods test protocol for a "self-heating substance" (United Nations Transportation of Dangerous Goods, Manual of Tests and Criteria, Part III, Section 33.3.1.6 – Test N.4 – Test Method for Self Heating Substances) and it has been specifically determined that this product does not meet the definition of a self heating substance (class 4.2) or any other hazard class, and therefore should not be listed as a hazardous material. This information is applicable only for the Activated Carbon Product identified in this document.

Section 15: Regulatory information

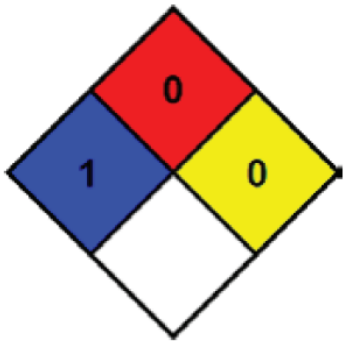
15.1 US Federal regulations

Carbon (7440-44-0)
Listed on the United States TSCA inventory

15.3 US State regulations
No additional information available

Section 16: Other information

Full text of H-phrases:
Eye Irrit. 2B : Serious eye damage/eye irritation Category 2B
STOT SE 3 : Specific target organ toxicity (single exposure) Category 3
H335 : May cause respiratory irritation



NFPA health hazard : 1-Exposure could cause irritation but only minor residual injury even if no treatment is given
NFPA fire hazard : 0- Materials that will not burn
NFPA reactivity : 0- Normally stable, even under fire exposure conditions, and are not reactive with water