

## SAFETY DATA SHEET

### **Section 1 – Identity**

#### **Product Codes:**

BC1240-1, BC1240-2, BC1240-S, BC1240AW-1, BC1240AW-2, BC1240AW-S, BC2050-1  
BC2050-2, BC2050-S, BC830-1, BC830-2, BC830-S, BC48-1, BC48-2, BC48-S  
CS1240-1, CS1240-2, CS1240-S, CS1240 AW-1, CS1240AW-2, CS1240AW-S, CS1230-1,  
CS1230-2, CS2050-1, CS2050-2, CS2050-S  
CS830-1, CS830-2, CS830-S, CS48-1, CS48-2, CS48-S

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### **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:

H320- Causes eye irritation  
: H335- May cause respiratory irritation

Precautionary statements (GHS-US): 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&P338: If in eyes, Rinse cautiously with water for  
: several minutes. Remove contact lenses if present and easy to do so.  
: Continue rinsing.  
: P312- Call Poison Control Center/Doctor if you feel sick  
: P403& P233- 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

| <u>Name</u> | <u>CAS #</u> | <u>%</u> | <u>GHS US classification</u> |
|-------------|--------------|----------|------------------------------|
| 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 if 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/<br>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

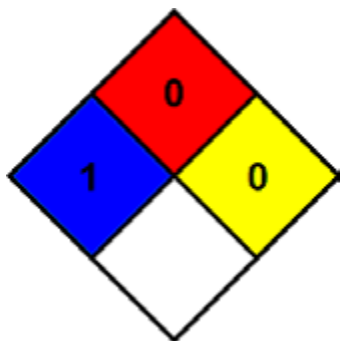
## **Section 16: Other information**

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

\*\*\*The information contained herein is accurate to the best of our knowledge. American Activated Carbon makes no warranty with respect hereto said information and disclaims all liability from reliance there in.\*\*\*