

## SAFETY DATA SHEET

### SECTION 1.

### COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Company Name: Lawrence Factor, Inc.  
Address: 4790 NW 157 Street, Miami Lakes, FL 33014  
Phone / Fax: 305-430-0550 / 305-430-0864

Chemical Name: Activated Carbon  
Product Use: Adsorbent

### SECTION 2.

### HAZARDS IDENTIFICATION

Warning: Activated Carbon exposed to moisture can deplete oxygen from the air. Low levels of oxygen may result. When entering a vessel containing activated carbon, procedures for potentially low oxygen areas should be followed.

#### Potential Health Effects:

Inhalation: Possible mild irritation of respiratory tract due to drying and abrasive actions of dust.

Ingestion: No adverse health effects are expected from swallowing.

Skin Contact: May cause skin irritation. Not corrosive and not a primary skin irritant.

Eye Contact: Large amounts of dust may cause abrasive irritation. Non corrosive.

#### Potential Chronic Health Effects:

None

### SECTION 3.

### COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient: Coconut Shell Activated Carbon  
CAS No.: 7440-44-0  
Weight in Percent: 94 – 100 %

### SECTION 4.

### FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get medical attention.

Ingestion: Give one or two glasses of water to drink. If large quantities are ingested, seek medical advice.

Skin Contact: Wash with soap and water. Get medical attention if irritant persists.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### SECTION 5.

### FIRE AND EXPLOSION DATA

Flammability..... Non-flammable.  
Auto-Ignition Temp .....>400 °C  
Flash Points ..... Not applicable.  
Flammable Limits ..... LFL and UFL Not applicable.

General Hazard: Activated Carbon is difficult to ignite and tends to burn slowly and smolder. Toxic gases may form.

Fire Fighting: Extinguish fire using water, water spray, carbon dioxide or foam.

**Hazardous Combustion Products:** May include smoke & carbon monoxide. Under certain conditions, airborne dust may be an explosion hazard.

**Fire Fighting Equipment:** Fire fighting personnel should wear full protective equipment, including self-contained breathing apparatus for all inside fires and larger outdoor fires.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements.

**Disposal Method:** Use a shovel to put the material into a convenient waste disposal container suitable for non-hazardous waste. Used carbon should be disposed of in accordance with applicable laws.

**SECTION 7. SAFE HANDLING AND STORAGE**

**Storage:** Store in a cool, dry, well ventilated area. Keep container sealed.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, chemical resistant clothing, and gloves.

**Respiratory Protection:** Not typically required. If excessive dust is present, use NIOSH approved respirator.

**Exposure Limits:** OSHA PEL 3 (mg/m<sup>3</sup>) Inhalation Respirable      ACGIH TLV 10 (mg/m<sup>3</sup>)

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State ..... Solid  
 Odor ..... Odorless  
 Color ..... Black Granules or Powder  
 pH ..... NA  
 Boiling Point °C ..... NA  
 Bulk Density ..... 400-500 kg/m<sup>3</sup>  
 Solubility (in water) ..... Insoluble

**SECTION 10. STABILITY AND REACTIVITY DATA**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Incompatibility with Various Substances:** Incompatible materials include strong oxidizers which may result in combustion.

Hazardous Decomposition Products ..... Oxides of Carbon  
 Polymerization ... None Anticipated

HMIS® III

Health	1
Fire	1
Physical Hazard	0
Personal Protection	C



**SECTION 11. TOXICOLOGICAL INFORMATION**

This material in its original state is non-toxic; however, used Activated Carbon may exhibit characteristics of the adsorbed materials.

**SECTION 12. ECOLOGICAL INFORMATION**

This material in its original state is not harmful to the environment; however, used activated carbon may exhibit characteristics of the adsorbed materials.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

US EPA Waste Number ..... Not Regulated

**SECTION 14. TRANSPORT INFORMATION**

DOT (Department of Transportation)

Classification ..... Not a DOT controlled material (USA)  
 Hazard Class ..... Not Applicable  
 UN Number ..... Not Applicable  
 Packing Group ..... Not Applicable

**SECTION 15. REGULATORY INFORMATION**

Federal/State Regulations:

SARA 302 ..... No  
 SARA 313 ..... No

Resource Conservation and Recovery Act: This product does not meet the criteria of hazardous waste.

Other Classifications:

WHMIS (Canada) ..... Not a controlled product.

HMIS® (USA)	NFPA® (USA)
Health Hazard .... 1.....	Health ..... 1
Fire Hazard ..... 1.....	Flammability ..... 1
Physical Hazard .. 0.....	Reactivity ..... 0
Personal Protection.....C	

Personal Protection: Safety glasses, gloves, and National Institute for Occupational Safety and Health (NIOSH) approved dust respirator/mask.

HMIS® and NFPA® ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

HMIS® III

Health	1
Fire	1
Physical Hazard	0
Personal Protection	C



- The information and recommendations set forth herein are believed to be accurate as of the date hereof. We make no warranty with respect thereto and disclaim all liability from reliance thereon.
- Container labeling-uses Hazardous Materials Identification System (HMIS®). Hazardous Index under this system rates degree of hazard from 0 to 4 in each category:
  - 0 = minimal hazard
  - 1 = slight hazard
  - 2 = moderate hazard
  - 3 = serious hazard

**SECTION 16.**

**OTHER INFORMATION**

Activated carbon can be safely stored in any normal storage area, but away from sources of direct heat.

References: Not Available

Other Considerations: Not Available

**Product emergencies:**

If you have a product-related emergency, resulting in an accident such as a spill or release of product or human exposure and need assistance from Lawrence Factor, please contact the following number:  
**LAWRENCE FACTOR, INC. 1-800-338-5493**

**General:**

The data and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate and are based on information which is considered reliable as of the date hereof. However, the customer should determine the suitability of such materials for his purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, express or implied, is made and no responsibility assumed for the use of this material or the results to be obtained there from. Information on this form is furnished for the purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purposes. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal or insurance requirements, or with national safety codes.

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