

# CARBON ACTIVATED CORP.

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## MATERIAL SAFETY DATA SHEET

IN CASE OF EMERGENCY OUTSIDE OF NORMAL BUSINESS HOURS CALL LIONEL PERERA (310) 885-4555.

### SECTION 1-IDENTIFICATION

CHEMICAL NAME : Carbon  
CAS NUMBER : 7440-44-0 (CARBON)  
COMMON NAME : ACTIVATED CARBON  
TYPE : Coal Base Activated Carbon

CHEMICAL FORMULA : C

### SECTION 2- HAZARDOUS INGREDIENTS

<u>CHEMICAL</u>	<u>% by Weight</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>	<u>OTHER</u>
CARBON	100	N/A	N/A	N/A

CAUTION SHOULD BE TAKEN FOR A RESPIRABLE DUST.

THE ACGIH TWA FOR RESPIRABLE DUST IS 1.0mg/M3.

CARCINOGENIC PROPERTIES: NONE

### SECTION 3- PHYSICAL DATA

DESCRIPTION: ODORLESS BLACK SOLID GRANULES.

VAPOR PRESSURE: N/A

MELTING POINT: 6656 F (3680 C)

APPARENT DENSITY: 0.3 TO 0.6gm/cc

BOILING POINT: 7592 F (4200 C)

SOLUBILITY: STABLE

EMPHASIZE PROTECTION AGAINST REPETITIVE OR LONG TERM EXPOSURE TO CARBON DUST INHALATION.

#### **SECTION 4- FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT: N/A**

**EXTINGUISHING MEDIA: WATER, FOAM, CO2, OR DRY CHEMICAL.**

**SPECIAL FIRE FIGHTING PRECAUTIONS: NONE**

**UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTACT WITH STRONG OXIDIZERS MAY RESULT IN FIRE.**

#### **SECTION 5-REACTIVITY DATA**

**STABILITY: STABLE**

**CONDITION TO AVOID: NONE**

**INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZERS.**

**HAZARDOUS DECOMPOSITION PRODUCT: CARBON MONOXIDE MAY BE FORMED IN THE EVENT OF A FIRE.**

#### **SECTION 6-HEALTH DATA**

**ROUTE(S) OF ENTRY:**

**INGESTION: THIS PRODUCT IS NON-TOXIC THROUGH INGESTION THE ACTIVE ORAL LD 50 (RAT) IS >10 gm/kg.**

**INHALATION: THE PHYSICAL NATURE OF THIS PRODUCT MAY IRRITATE THE RESPIRATORY SYSTEM. THE ACUTE LC50 (RAT) IS >64.4 mg/L (NOMINAL CONCENTRATION)**

**DERMAL EXPOSURE: THIS MATERIAL IS NON-TOXIC THROUGH SKIN ABSORPTION.**

**ACTIVATED CARBON IS NOT A PRIMARY SKIN IRRITANT.**

**NO SENSITIZATION EFFECTS ARE KNOWN.**

**EYE IRRITATION: THE PHYSICAL NATURE OF THIS PRODUCT MAY PRODUCE EYE IRRITATION.**

**FIRST AID: IN CASE OF EYE CONTACT FLUSH WITH WATER FOR AT LEAST 15 MINUTES.**

**OTHER: THE EFFECTS OF CHRONIC AND SUBCHRONIC EXPOSURE HAVE NOT BEEN DETERMINED. SAFE HANDLING ON A LONG TERM BASIS SHOULD EMPHASIZE PROTECTION AGAINST REPETITIVE OR LONG TERM EXPOSURE TO CARBON DUST INHALATION.**

## **SECTION 7-SPILL OR LEAK PROCEDURE**

**IF THE MATERIAL IS RELEASED OR SPILLED: UNUSED PRODUCT SHOULD BE SWEEPED UP AND DISCARD OR REPACKAGED.**

### **WASTE DISPOSAL METHOD:**

**UNUSED CARBON MAY BE DISPOSED OF BY ANY APPROPRIATE MEANS. USED PRODUCTS MAY CONTAIN HAZARDOUS CHEMICALS OR EXHIBIT HAZARDOUS PROPERTIES THAT MAY HAVE TO BE EXAMINED TO DETERMINE APPROPRIATE DISPOSAL METHOD. THIS PRODUCT MUST BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.**

## **SECTION 8- HANDLING AND STORAGE**

**EYE PROTECTION: SAFETY GLASSES OR GOGGLES RECOMMENDED.**

**PROTECTIVE GLOVES: RECOMMENDED.**

**OTHER PROTECTIVE CLOTHING: NONE REQUIRED.**

**RESPIRATORY PROTECTION: A HIGH EFFICIENCY PARTICULATE FILTER IS RECOMMENDED WHENEVER EXCESSIVE DUST MAY BE GENERATED.**

**VENTILATION: LOCAL EXHAUST IS RECOMMENDED SUFFICIENT TO CONTROL DUST.**

**WORK/HYGIENIC: WASH THOROUGHLY AFTER HANDLING.**

## **SECTION 9 - TRANSPORTATION DATA**

**PROPER SHIPPING (Article) NAME: Steam Activated Carbon, Non-Regulated OR Carbon, Activated, Non-Regulated**

**DOT CLASSIFICATION: NMFC 40560 / DOT MARKING: N/A / DOT PLACARD: N/A**

### **EMERGENCY ACCIDENT PRECAUTIONS AND PROCEDURES:**

**Contact: Carbon Activated Corporation  
Phone: 310 885 4555**

**PRECAUTIONS TO BE TAKEN IN TRANSPORTATION: N/A**

**OTHER CAUTION: WET ACTIVATED CARBON REMOVES OXYGEN FROM THE AIR CAUSING A SEVERE HAZARD TO WORKERS IN REQUIRED SPACE. SAMPLING AND WORK PROCEDURES FOR LOW OXYGEN LEVELS SHOULD BE TAKEN WHENEVER**

**WORKERS MAY BE ENTERING CARBON VESSELS ENCLOSED OR CONFINED SPACE.ALL FEDERAL STATE AND LOCAL REGULATIONS SHOULD BE OBSERVED.**