CARBON ACTIVATED CORP.

250 E. Manville Street, Compton, CA 90220 Tel (310) 885-4555 Fax (310) 885-4558

April 29, 2011

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 COCONUT SHELL AW

TYPE : 12X40

CHEMICAL FORMULA: C

SECTION 2- HAZARDOUS INGREDIENTS

CHEMICAL 8 PEL (OSHA) TLV (ACGIH) OTHER 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
APPARENT DENSITY: 0.3 TO 0.6gm/cc
BOILING POINT: 6656 F (3680 C)
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 LC5 (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.

IF THE MATERIAL IS RELEASED OR SPILLED: UNUSED PRODUCT SHOULD BE SWEPT 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

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.