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MATERIAL SAFETY DATA SHEET

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DATE: September 1, 1999

Product ID # 365	Identity (As used in label and list) WB 816 1000SS Black Diamond Carbon
Customer Name	Invoice Number

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SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Manufacturer's Name: CALGON CARBON CORPORATION	Emergency Phone Number: (412) 787-5700
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Address:
P.O. BOX 717, PITTSBURGH, PA 15230-0717

Chemical Name and Synonyms: CARBON	Formula: C
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Proper Shipping Name: NOT REGULATED

DOT Hazard Class: N/A

DOT Identification Number: N/A

Packing Group: N/A

NON-HAZARDOUS per 49CFR Part 173.124(b)(2): Calgon Carbon's Research Department performed the tests required by 49CFR Part 173 Appendix E which define a spontaneously combustible solid. The test results prove our products are NOT spontaneously combustible.

Date Prepared: 8/31/97	Prepared by: S. L. Liller
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SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT	% (BY WEIGHT)	CAS#	Exposure Guidelines:	
			OSHA PEL *	ACGIH TLV *
CARBON	100	7440-44-0	5mg/M3 (Resp.)	10 mg/M3 (Total)

[* PELs and TLVs are 8-hour TWAs unless otherwise noted.]

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SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

BLACK PARTICULATE SOLID, PELLET OR POWDER. CONTACT MAY CAUSE EYE IRRITATION. DUST MAY BE SLIGHTLY IRRITATING TO EYES AND RESPIRATORY TRACT.

CAUTION!!

WET ACTIVATED CARBON REMOVES OXYGEN FROM AIR CAUSING A SEVERE HAZARD TO WORKERS INSIDE CARBON VESSELS AND ENCLOSED OR CONFINED SPACES. BEFORE ENTERING SUCH AN AREA, SAMPLING AND WORK PROCEDURES FOR LOW OXYGEN LEVELS SHOULD BE TAKEN TO ENSURE AMPLE OXYGEN AVAILABILITY, OBSERVING ALL LOCAL, STATE AND FEDERAL REGULATIONS.

POTENTIAL HEALTH EFFECTS

Effects and Hazards of Eye Contact:

THE PHYSICAL NATURE OF THE PRODUCT MAY PRODUCE EYE IRRITATION

Effects and Hazards of Skin Contact:

THE PRODUCT IS NOT A PRIMARY SKIN IRRITANT. THE PRIMARY SKIN IRRITATION INDEX (RABBIT) IS 0.

Effects and Hazards of Inhalation (Breathing):

THE PRODUCT IS PRACTICALLY NON-TOXIC THROUGH INHALATION. THE ACUTE INHALATION LC50 (RAT) IS >64.4 mg/l (NOMINAL CONCENTRATION) FOR ACTIVATED CARBON.

Effects and Hazards of Ingestion (Swallowing):

THE PRODUCT IS NON-TOXIC THROUGH INGESTION. THE ACUTE ORAL LD50 (RAT) IS >10g/kg.

Primary Routes of Entry:

INHALATION, INGESTION, SKIN CONTACT, EYE CONTACT.

Chronic Effects:

CARCINOGENICITY: NTP: N/A IARC: N/A OSHA REGULATED: NO

SECTION IV - FIRST AID MEASURES

Treatment For Eye Contact:

FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

Treatment for Skin Contact: WASH WITH SOAP AND WATER

Treatment for Inhalation (Breathing): N/A

Treatment for Ingestion (Swallowing): N/A

SECTION IV - CONTINUED ON NEXT PAGE

SECTION IV - CONTINUED

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Subchronic, Chronic, Other:

THE EFFECTS OF LONG-TERM, LOW-LEVEL EXPOSURES TO THIS PRODUCT HAVE NOT BEEN DETERMINED. SAFE HANDLING OF THIS MATERIAL ON A LONG-TERM BASIS SHOULD EMPHASIZE THE AVOIDANCE OF ALL EFFECTS FROM REPETITIVE ACUTE EXPOSURES.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Limits: Lel: N/A

Uel: N/A

Extinguishing Media:

FLOOD WITH PLENTY OF WATER.

Special Firefighting Procedures: NONE

Unusual Fire and Explosion Hazards:

CONTACT WITH STRONG OXIDIZERS SUCH AS OZONE, LIQUID OXYGEN, CHLORINE, PERMANGANATE, ETC. MAY RESULT IN FIRE.

NFPA RATING: HEALTH = 0

REACTIVITY = 0

FLAMMABILITY = 0

VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken In Case Material is Released or Spilled:

SWEEP UP UNUSED CARBON AND DISCARD IN REFUSE CONTAINER OR REPACKAGE

Waste Disposal Method: DISPOSE OF UNUSED CARBON IN REFUSE CONTAINER.

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Precautions for Handling and Storage: CAUTION!!

WET ACTIVATED CARBON REMOVES OXYGEN FROM AIR CAUSING A SEVERE HAZARD TO WORKERS INSIDE CARBON VESSELS AND ENCLOSED OR CONFINED SPACES. BEFORE ENTERING SUCH AN AREA, SAMPLING AND WORK PROCEDURES FOR LOW OXYGEN LEVELS SHOULD BE TAKEN TO ENSURE AMPLE OXYGEN AVAILABILITY, OBSERVING ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Other Precautions: WASH THOROUGHLY AFTER HANDLING. EXERCISE CAUTION IN THE STORAGE AND HANDLING OF ALL CHEMICAL SUBSTANCES.

SECTION VII - CONTROL MEASURES

Respiratory Protection:

A NIOSH APPROVED PARTICULATE FILTER RESPIRATOR IS RECOMMENDED IF EXCESSIVE DUST IS GENERATED.

Ventilation:

LOCAL EXHAUST VENTILATION: RECOMMENDED

Mechanical Ventilation: RECOMMENDED

Protective Gloves:
RUBBER GLOVES
RECOMMENDED

Eye Protection:
SAFETY GLASSES
OR GOGGLES
RECOMMENDED

Other Protective Equipment:
NOT REQUIRED

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SECTION VIII - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity: 2.3g/cc real density
Vapor Pressure: N/A	Melting Point: N/A
Vapor Density: N/A	Evaporation Rate: N/A
Solubility in Water: NEGLIGIBLE	Packing Density: 0.4 to 0.7g/cc
Appearance and Odor: BLACK PARTICULATE SOLID, PELLET OR POWDER	

SECTION IX - REACTIVITY DATA

Stability: STABLE	Conditions to avoid : NONE
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Incompatibility (Materials to avoid):
STRONG OXIDIZERS SUCH AS OZONE, LIQUID OXYGEN, CHLORINE,
PERMANGANATE, ETC.

Hazardous Decomposition Products:
CARBON MONOXIDE MAY BE GENERATED IN THE EVENT OF A FIRE.

Hazardous Polymerization: UNSPECIFIED

Polymerizing Conditions to Avoid: NONE

SECTION X - REGULATORY INFORMATION

SARA TITLE III: N/A

TSCA: THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY LIST.

OSHA: NONHAZARDOUS ACCORDING TO DEFINITIONS OF HEALTH HAZARD AND
PHYSICAL HAZARD PROVIDED IN THE HAZARD COMMUNICATION STANDARD
(29 CFR 1910.1200)

CANADA
WHMIS CLASSIFICATION: NOT CLASSIFIED
DSL #: 6798

While this information and recommendations set forth herein are
believed to be accurate as of the date hereof, CALGON CARBON
CORPORATION MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL
LIABILITY FROM RELIANCE THEREON.

END OF MATERIAL SAFETY DATA SHEET

End of Material Safety Data Sheet

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