

BACHARACH, INC.  
MSDS NO: 4099-1463  
MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet has been prepared to comply with the EC Directive,  
Canadian WHMIS and OSHA Hazard Communication Regulations.

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SECTION 1: IDENTIFICATION

PRODUCT NAME: ACTIVATED CARBON

PRODUCT NUMBER: 4050-0160      MSDS NUMBER: 4099-1463      REVISION NUMBER: 4

MSDS DATE OF PREPARATION/REVISION: 03-12-97

SECTION 2: COMPOSITION

COMPONENT	CAS#	PERCENTAGE	EXPOSURE LIMITS
Carbon	7440-44-0	100	3.5 mg/m3 PEL-TWA 3.5 mg/m3 TLV-TWA

Note: The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA June 30, 1993 following a decision by the 11th Circuit Court of Appeals. These PELs are those now being enforced by Federal OSHA. Be aware that more restrictive exposure limits may be enforced by some states, agencies or other authorities. The enforced PEL may not be adequate to ensure worker safety, so Bacharach, Inc. recommends that the lowest recommended exposure limit always be observed as reasonable worker protection.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Black powder with no odor. May cause mild, reversible eye and skin irritation.

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ACUTE HEALTH HAZARDS:

EYE CONTACT: May cause mechanical irritation from abrasive action.

SKIN CONTACT: May cause mechanical irritation or dryness.

INHALATION: May cause irritation of the nose and throat.

INGESTION: None known. This material relatively non-toxic.

CHRONIC HEALTH EFFECTS: None known.

CARCINOGEN STATUS: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory conditions may be aggravated by prolonged overexposure.

SEE SECTION 11 - TOXICOLOGICAL INFORMATION FOR ADDITIONAL DATA  
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SECTION 4: FIRST AID

EYE CONTACT: Immediately flush with water, 15 minutes, lifting the upper and lower lids. Get prompt medical attention.

SKIN CONTACT: Wash thoroughly with soap and water after contact.

INHALATION: None should be needed.

INGESTION: Non-toxic in small amounts. Get immediate medical attention.  
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SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A      TEST METHOD: N/A  
AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS:    LEL: N/A    UEL: N/A

EXTINGUISHING MEDIA: This material will burn. Use water spray or fog, sand, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material will burn at high temperatures. Dust may form explosive mixtures with air.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.  
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HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N/A  
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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA: No toxicity data is available.

IRRITANCY DATA: Not an irritant.

SENSITIZATION: This material has not been reported to cause sensitization in humans or animals.

REPRODUCTIVE TOXICITY: This material has not been reported to cause reproductive toxicity in humans or animals.

TERATOGENICITY: This material has not been reported to cause teratogenicity in humans or animals.

MUTAGENICITY: This material has not been reported to be mutagenic.

SYNERGISTIC EFFECTS: There are no chemicals known to cause any additive adverse health effects.  
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SECTION 12: ECOLOGICAL INFORMATION

The ecological effects of this product have not been evaluated.  
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SECTION 13: DISPOSAL

Dispose in accordance with all local, state and federal regulations.

RCRA HAZARDOUS WASTE CODES: Not applicable  
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SECTION 14: TRANSPORTATION DATA

US DOT SHIPPING NAME: NOT REGULATED  
DOT LABELS REQUIRED: N/A  
EMERGENCY RESPONSE GUIDE NUMBER: N/A

IATA SHIPPING NAME: NOT REGULATED  
IATA LABELS REQUIRED: N/A  
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SECTION 15: OTHER REGULATORY INFORMATION

SARA 311/312: Hazard Categories for SARA Section 311/312 Reporting:  
None

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313 (40 CFR 372):  
None

CERCLA SECTION 103 REPORTABLE QUANTITY: None

CALIFORNIA PROPOSITION 65: This product contains the following substances known to the State of California to cause Cancer and/or Reproductive Harm: None

US TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the EPA TSCA Inventory.

EUROPEAN INVENTORY OF COMMERCIAL CHEMICAL SUBSTANCES: All of the components of this product are listed on the EINECS Inventory.

JAPAN MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the components of this product are listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Not a controlled product.

EUROPEAN COMMUNITY LABELING CLASSIFICATION: N/A

EUROPEAN COMMUNITY RISK AND SAFETY PHRASES: N/A

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SECTION 16: OTHER INFORMATION

NFPA HAZARD RATING: HEALTH: 0 FIRE: 0 REACTIVITY: 0

DATE OF LATEST MSDS REVISION: 03-12-97  
REVISION SUMMARY: Revised Section 5.

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The preceding information is believed to be correct and current as of the date of preparation of this Material Safety Data Sheet. Since the use of this information and the conditions of use of the product are not within the control of Bacharach, Inc., it is the users obligation to assure safe use of this product.