

OL ACTIVATED CARBON

MSDS Number

BXHXT

National Stock Number

6810-00N058879

Product Name

OL ACTIVATED CARBON

Manufacturer

CALGON CARBON CORP

Product Identification

Product ID:OL ACTIVATED CARBON

MSDS Date:08/01/1985

FSC:6810

NIIN:00N058879

MSDS Number: BXHXT

Responsible Party

CALGON CARBON CORP

PITTSBURGH , PA 15230-0717

US

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Preparer: S. D. CIFRULAK

Cage: 1DA66

Contractor

CALGON CARBON CORPORATION

717

PITTSBURGH, PA 15230-0717

US

412-787-6700

Cage: 1DA66

Ingredients

CARBON; (ACTIVATED CARBON) LD50 (ORAL RAT) >10G/KG

CAS: 7440-44-0

RTECS: FF5250100

Fraction By Weight: 100%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 2 MG/M3 TDUST; 9495

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) >10G/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INGEST:PRODUCT IS NON-TOXIC THROUGH INGESTION. INHALATION: THE ACUTE LC50 (RAT) IS >64.4 MG/2 (NOMINAL CONCENTRATION) FOR ACTIVATED CARBON. DERMAL EXPOSURE: TOXIC: NON-TOXIC. IRRITATION:PRODUCT IS NOT A PRIMARY SKIN IRRITANT. THE PRIMARY SKIN IRRITATION INDEX (RABBIT) IS 0.

SENSITIZATION: (EFTS OF OVEREXPOSURE)

Explanation of Carcinogenicity: NOT RELEVANT.

Effects of Overexposure: HLTH HAZ: NONE. EYE IRRIT: PHYSICAL NATURE OF THE PRODUCT MAY PRODUCE EYE IRRITATION. CHRONIC: THE EFFECTS OF LONG-TERM, LOW-LEVEL EXPOSURES TO THIS PRODUCT HAVE NOT BEEN DETERMINED. SAFE HANDLING OF THIS MATERIAL ON LONG-TERM BASIS SHOULD EMPHASIZE THE AVOIDANCE OF ALL EFFECTS FROM REPETITIVE ACUTE EXPOS.

Medical Condition Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid: INGEST: CALL MD IMMEDIATELY. INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O₂/ARTIFICIAL RESPIRATION). EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND WATER.

Fire Fighting

Extinguishing Media: IF INVOLVED IN FIRE, FLOOD WITH PLENTY OF WATER.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: CONTACT WITH STRONG OXIDIZERS SUCH AS OZONE, LIQUID OXYGEN, CHLORINE, PERMANGANATE, ETC MAY RESULT IN FIRE.

Accidental Release

Spill Release Procedures: SWEEP UP UNUSED CARBON AND DISCARD IN REFUSE CONTAINER OR REPACKAGE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions: CAUTION!! WET ACTIVATED CARBON REMOVES OXYGEN FROM AIR CAUSING SEVERE HAZARD TO WORKERS INSIDE CARBON VESSELS AND ENCLOSED OR CONFINED SPACES.

Other Precautions: 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.

Exposure Controls

Respiratory Protection: A NIOSH/MSHA APPROVED PARTICULATE FILTER RESPIRATOR IS RECOMMENDED IF EXCESSIVE DUST IS GENERATED.

Ventilation: LOCAL EXHAUST AND MECHANICAL (GENERAL) IS RECOMMENDED.

Protective Gloves: RUBBER GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGLES.

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA. NOT REQUIRED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

Spec Gravity: 2.3 (H₂O = 1)

Solubility in Water: INSOLUBLE

Appearance and Odor: BLACK PARTICULATE SOLID

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS SUCH AS OZONE, LIQUID OXYGEN, CHLORINE, PERMANGANATE, ETC.

Stability Condition to Avoid: NONE.

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

Disposal

Waste Disposal Methods: DISPOSE OF UNUSED CARBON IN REFUSE CONTAINER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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