

CALGON COMMERCIAL DIV -- ACTIVATED CARBON -- 8415-00-177-5007

===== Product Identification =====

Product ID:ACTIVATED CARBON

MSDS Date:11/01/1991

FSC:8415

NIIN:00-177-5007

MSDS Number: BWNJV

=== Responsible Party ===

Company Name:CALGON COMMERCIAL DIV

Box:1346

City:PITTSBURGH

State:PA

ZIP:15230-1346

Country:US

Emergency Phone Num:412-787-6700

Preparer's Name:D.E. KUBELDIS

CAGE:86368

=== Contracto

r Identification ===

Company Name:CALGON COMMERCIAL DIV

Box:1346

City:PITTSBURGH

State:PA

ZIP:15230-1346

Country:US

CAGE:86368

===== Composition/Information on Ingredients =====

Ingred Name:GRAPHITE, SYNTHETIC

CAS:7440-44-0

RTECS #:FF5250100

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9394

===== Hazards Identification =====

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

Routes of

Entry: Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION- THE ACUTE INHALATION LC50 (RAT) IS >64.4 MG/L (NOMINAL CONCENTRATION) FOR ACTIVATED CARBON. SKIN- THE PRODUCT IS NOT A PRIMARY SKIN IRRITANT. EYES- THE 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.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES- FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN- WASH WITH SOAP AND WATER.

===== Fire Fighting Measures =====

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

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:CONTACT WITH STRONG OXIDIZERS SUCH AS

OZONE, LIQUID OXYGEN, CHLORINE, PERMANGANATE, ETC. MAY RESULT IN FIRE.

===== Accidental Release Measures =====

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

===== Handling and Storage =====

Handling and Storage Precautions:WET ACTIVATED CARBON REMOVES OXYGEN FROM AIR CAUSING A SEVERE HAZARD TO WORKERS INSIDE CARBON VESSELS AND ENCLOSED OR CONFINED SPACE

S.

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

===== Exposure Controls/Personal Protection =====

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

Ventilation:LOCAL EXHAUST AND MECHANICAL VENTILATION RECOMMENDED.

Protective Gloves:RUBBER GLOVES RECOMMENDED.

Eye Protection:SAFETY GLASSES OR GOGGLES RECOMMENDED.

Other Protecti

ve Equipment:NOT REQUIRED.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health
NONE

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:2.3 G/CC

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK PARTICULATE SOLID.

===== Stability and Reactivity Data =====

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 Considerations =====

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

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

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