

CALGON COMMERCIAL DIV -- ACTIVATED CARBON -- 8415-01-070-1880

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

Product ID:ACTIVATED CARBON

MSDS Date:11/01/1991

FSC:8415

NIIN:01-070-1880

MSDS Number: BWNMT

=== 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

=== Contractor

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 SPACES

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 Protectiv

e 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense

e. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.