

CALGON CARBON CORP -- ASC ACTIVATED CARBON -- 4210-00-165-5026

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

Product ID:ASC ACTIVATED CARBON

MSDS Date:10/01/1989

FSC:4210

NIIN:00-165-5026

MSDS Number: BRRJK

=== Responsible Party ===

Company Name:CALGON CARBON CORP

Address:400 MEDIA DR

City:PITTSBURGH

State:PA

ZIP:15205-1133

Country:US

Info Phone Num:412-787-6842

Emergency Phone Num:412-787-6842

Preparer's Na

me:D.E. KUBELDIS

CAGE:1DA66

=== Contractor Identification ===

Company Name:CALGON CARBON CORPORATION

Address:400 CALGON CARBON DR

Box:717

City:PITTSBURGH

State:PA

ZIP:15230-0717

Country:US

Phone:412-787-6700

CAGE:1DA66

Company Name:MINE SAFETY APPLIANCES CO DBA MSA

Address:3880 MEADOWBROOK RD

Box:City:MURRYSVILLE

State:PA

ZIP:15668-1753

Country:US

Phone:724-733-9272

CAGE:55799

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

Ingred Name:GRAPHITE, SYNTHETIC

CAS:7440-44-0

RTE

CS #:FF5250100  
Fraction by Wt: 88%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:COPPER (SARA III)  
CAS:7440-50-8  
RTECS #:GL5325000  
Fraction by Wt: 8%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CHROMIC ACID  
CAS:1333-82-0  
RTECS #:GB6650000  
Fraction by Wt: 3%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 MICRO GRAMS/M3  
ACGIH TLV:50 MICRO  
GRAMS/M3

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: < 0.1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50 ORAL > 10G/KG RAT.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRATICALLY NON-TOXIC THROUGH INGESTIO

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AND INHALATION. MAY CAUSE MECHANICAL IRRITATION TO EYES/SKIN. LONG TERM, LOW LEVEL EFFECTS HAVE NOT BEEN DETERMINED. NTP AND IARC HAVE DETERMINED THERE IS SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN HUMANS FROM CHROMIUM COMPOUNDS; THE SPECIFIC COMPOUNDS CANNOT BE SPECIFIED.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA. SEE HEALTH HAZARDS.

Effects of Overexposure:EYE IRRITATION, REDNESS, TEARING. SKIN IRRITATION.

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. INGESTION: NOT APPLICABLE. INHALATION: NOT APPLICABLE.

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

Flash Point:NONFLAMMABLE

Lower Limits:NONFLAMMABLE

Upper Limits:NONFLAMMABLE

Extinguishing Media:IF I

NVOLVED IN FIRE, FLOOD WITH PLENTY OF WATER.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

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 PROPER CONTAINER OR REPACKAGE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID GENERATION OF DUST DURING HANDLING.

Other Precautions:FINES GENERATED BY ATTRITION DURING HANDLING OF THE ASC PRODUCT GENERALLY CONTAIN A HIGHER LEVEL OF IMPREGNATE THAN THE ACTUAL PRODUCT. HAZARDOUS CONDITIONS MAY BE ACCENTUATED.

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

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

GENERATED.

Ventilation:LOCAL AND GENERAL EXHAUST IS RECOMMENDED.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M

.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NIL

Spec Gravity:< 1

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK PARTICULATE SOLID

Percent Volatiles by Volume:NIL

===== 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 SPECIFIED BY MANUFACTURER.

Hazardous Decomposition

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

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. WASTE SHOULD BE MANIFESTED AS D007 FOR  
EXTRACTABLE CHROMIUM.

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