

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 N

ame: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

RT

ECS #: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 INGESTI

ON

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.

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First Aid Measures
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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.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE
Lower Limits:NONFLAMMABLE
Upper Limits:NONFLAMMABLE
Extinguishing Media:IF INVOLVED 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.

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Accidental Release Measures
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Spill Release Procedures:SWEEP UP UNUSED CARBON AND DISCARD IN PROPER CONTAINER OR REPACKAGE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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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.

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Exposure Controls/Personal Protection
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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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