

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

N

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 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.

=====
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.

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

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner wh

atsoever,

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.