

UNION CARBIDE CORP. -- UCAR ARC CARBONS -- 5977-00-247-2656

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

Product ID:UCAR ARC CARBONS

MSDS Date:01/01/1985

FSC:5977

NIIN:00-247-2656

MSDS Number: BDNLY

=== Responsible Party ===

Company Name:UNION CARBIDE CORP.

Emergency Phone Num:304-744-3487

CAGE:61637

=== Contractor Identification ===

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:

DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

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

Ingred Name:GRAPHITE, SYNTHETIC

CAS:7440-44-0

RTECS #:FF5250100

Fraction by Wt: >95%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9293

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

Effects of Overexposure:ELECTRICAL SHOCK FROM ARC CARBONS CAN BE FATAL.FROLONGED BREATHING OF FUMES CAN CAUSE PHEUMOCONIOS IS

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

First Aid:FOR ELECTICAL SHOCK:DISCONNECT POWER.IF VICTIM IS NOT BREATHING START ARTIF.RESP.IMMEDIATELY,PERFERABLE MOUTH TO MOUTH.IF NO PULSE CAN BE FOUND START EXTERNAL HEART MASSAGE AT ONCE.CALL A DR.IMMED.ARC BURNS TO EYES OR SKIN:COLD PACKS-DR.

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

Extinguishing Media:NONBOMBUSTIBLE

Unusual Fire/Explosion Hazard:TEMP. OF ARC IS SUCH THAT SUR

ROUNDING

COMBUSTIVLE MATERIALS CAN BE IGNITED.

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

Spill Release Procedures:FOLLOW GOOD HOUSEKEEPING PRACTICES

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

Handling and Storage Precautions:DO NOT HANDLE CARBONS UNTIL COLD AFTER USE IN ARC;DO NOT BREATHE FUMES,DO NOT LOOK AT ARC; DO NOT TOUCH LIVE ELECTRICAL PARTS.

Other Precautions:KEEP LAMP CLOSED DURING OPERATION.DO NOT EXPOSE SKIN TO LIG
HT RAYS

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

Ventilation:LOCAL EXHAUST IS PREFERRED.

Eye Protection:LIGHT FILTER NEEDED

Supplemental Safety and Health

ITEM IS A ENCLOSED ARC CARBON INSIDE OF A LAMP.ARC LIGHT CAN CAUSE EYE & SKIN BURNS.CONTACT WITH HOT ELECTRODES CAN CAUSE SEVERE BURNS.

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

HCC:N1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK SOLID OR CORED RODS,NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous Decomposition Products:CO,CO*2,OZONE,OXIDES OF NITROGEN,& CARBON DUST

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

Waste Disposal Methods:INCINERATE OR BURY IN A LANDFILL WHERE PERMITTED UNDER APPREPRIATE FEDERAL,STATE OR LOCAL REGULATIONS.

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