

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

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Product Identification  
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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:DAN

BURY

State:CT

ZIP:06817-0001

Country:US

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

CAGE:61637

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Composition/Information on Ingredients  
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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

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Hazards Identification  
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Effects of Overexposure:ELECTRICAL SHOCK FROM ARC CARBONS CAN BE  
FATAL.FROLONGED BREATHING OF FUMES CAN CAUSE PHEUMOCONIOSIS

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First Aid Measures  
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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.

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Fire Fighting Measures  
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Extinguishing Media:NONBOMBUSTIBLE

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

ENDING

COMBUSTIBLE 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 LIGHT 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 APPROPRIATE FEDERAL,STATE OR LOCAL REGULATIONS.

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