

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:DA

NBURY

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 PHEUMOCONIOSIS

=====  
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 SURRO

UNDING

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 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.

=====

===== 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.

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 whatsoever, 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.