

UNION CARBIDE CORP;LINDE DIV -- ACETYLENE -- 6830-00-264-6751

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Product Identification
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Product ID:ACETYLENE

MSDS Date:05/01/1985

FSC:6830

NIIN:00-264-6751

MSDS Number: BDQWN

=== Responsible Party ===

Company Name:UNION CARBIDE CORP;LINDE DIV

Address:39-OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:304-744-3487

Emergency Phone Num:304-744-3487

CAGE:363

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=== Contractor Identification ===

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357; 304-744-3487

CAGE:36346

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Composition/Information on Ingredients
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Ingred Name:ACETYLENE

CAS:74-86-2

RTECS #:AO9600000

Fraction by Wt: 100%

ACGIH TLV:ASPHYXIAN; 9192

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Hazards Identification
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Health Hazards Acute and

Chronic:ACUTE:ASPHYXIAN

;HEADACHE,DROWSINESS,DIZZINESS,UNCONSCIOUSNESS;
LACK OF OXYGEN CAN CAUSE DEATH.IRRITATION OF EYES,LUNGS,NOSE AND THROAT. CHRONIC:LUNG DISEASE.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

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

First Aid:CALL FOR MEDICAL HELP AT ONCE;USE NORMAL FIRST AIR PROCEDURES;IN CASE OF ANY PROBLEM,CALL A PHYSICIAN AT ONCE.

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

Flash Point Method:TCC
Flash Point:0F/-17.8C
Autoignition Temp:Autoignition Temp Text:571F
Lower Limits:2.3
Upper Limits:100
Extinguishing Media:DRY CHEMICAL,CO*2,HALON,FOG
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA WITH FULL PROTECTION.
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE GAS;FORMS EXPLOSIVE MIXTURES.CONTACT WITH CU,HG,OR/ALLOYS OR HALOGENS CAN CAUSE EXPLOSION.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION.FORMS EXPLOSIVE MIXTURE;USE SCBA,EVACUATE THE AREA;REDUCE VAPORS WITH FOG.

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

Handling and Storage Precautions:HEAT AND SPARKS DURING USE COULD BE THE SOURCE OF IGNITION OF COMBUSTIBLE MATERIALS.PREVENT FIRES.STORE AND USE WITH GOOD VENTILATION.

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

Respiratory

Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WHEN WORKING
IN POOR VENTILATION SYSTEM.

Ventilation:LOCAL EXHAUST

Protective Gloves:WELDING GLOVES

Eye Protection:WEAR GOGGLES WITH FILTER LENS.

Other Protective Equipment:WEAR HAND,HEAD AND BODY PROTECTION.

Work Hygienic Practices:AVOID INHALATION OF GAS.WORKER NOT TO TOUCH
LIVE ELECTRICAL PARTS.

Supplemental Safety and Health

MSDS RECEIVED BY SLM:APRIL 15,1988.

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

HCC:G2

Melt/Freeze Pt:M.P/F.P Text:-84C

Vapor Pres:635 PSIG

Vapor Density:0.91

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS GAS AT NORMAL TEMP;GARLIC-LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:NO

CU,AG,HG AND THEIR ALLOYS,OXIDIZING AGENTS,ACID HALO-GENS.

Stability Condition to Avoid:AVOID PRESSURE ABOVE 15 PSIG,MOISTURE.

Hazardous Decomposition Products:CO AND CO*2

Conditions to Avoid

Polymerization:EXTREME TEMPERATURE AND PRESSURE.

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

Waste Disposal Methods:DISPOSE OF THE PRODUCT IN ACCORDANCE WITH
LOCAL,STATE AND FEDERAL REGULATIONS.

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