

UNITED STATES WELDING INC -- ACETYLENE -- 6830-00-264-6751

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

Product ID:ACETYLENE

MSDS Date:05/01/1985

FSC:6830

NIIN:00-264-6751

MSDS Number: BKSLZ

=== Responsible Party ===

Company Name:UNITED STATES WELDING INC

Address:3018 WASHINGTON BLVD

City:OGDEN

State:UT

ZIP:84401-3723

Country:US

Info Phone Num:804-275-4371 (DGSC-SSH)

Emergency Phone Num:801-621-4050

Prepar

er's Name:DGSC-SSH

CAGE:1P087

=== Contractor Identification ===

Company Name:UNITED STATES WELDING INC

Address:3018 WASHINGTON BLVD

Box:City:OGDEN

State:UT

ZIP:84401-3723

Country:US

Phone:804-275-4371 (DGSC-SSH)

CAGE:1P087

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

Ingred Name:ACETYLENE

CAS:74-86-2

RTECS #:AO9600000

Fraction by Wt: 100%

ACGIH TLV:ASPHYXIAN; 9192

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

Routes of Entry: Inhalation:YES Sk

in: YES Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

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 WORSENERD.

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

First Aid: CA

LL 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

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. FORM 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 A USE WITH GOOD VENTI

LATION.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WHEN WORKING
IN PO 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

=====
===== Physic
al/Chemical Properties =====

HCC:G2

Melt/Freeze Pt:M.P/F.P Text:-119F,-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.

Hazardou

s 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.

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,
expres

sly 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.