

## **55549 74862**

### **MSDS Number**

BBCMx

### **National Stock Number**

6830-00D000344

### **Product Name**

55549 74862

### **Manufacturer**

MATHESON GAS PRODUCTS

### **Product Identification**

Product ID:55549 74862

MSDS Date:01/01/1985

FSC:6830

NIIN:00D000344

MSDS Number: BCMx

### **Responsible Party**

MATHESON GAS PRODUCTS

1920 WEST J ST

LA PORTE , TX 77571

US

Cage: 23972

### **Contractor**

MATHESON GAS PRODUCTS DIV OF WILL ROSS INC

908

LA PORTE, TX 77571

US

Cage: 23972

### **Ingredients**

ACETYLENE

CAS: 74-86-2

RTECS: AO9600000

ACGIH TLV: ASPHYXIAN; 9192

### **Hazards**

Effects of Overexposure:HEADACHE,DIZZINESS & LOSS OF CONSCIOUSNESS MAY OCCUR,DEATH FROM SMOTHERING IF O\*2 CONT.SEV.REDUCED.

### **First Aid**

First Aid:INHAL:NO SPECIFIC ANTIDOTE KNOWN; REMOVE VICTIM TO FRESH AIR.KEEP WARM & QUIET,&CALL A DOCTOR;RECOVERY IS USUALLY RAPID.IF PATIENT IS UNCONSCIOUS,ADMINISTEROXYGEN;IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION.

### **Fire Fighting**

Flash Point:-100F

Lower Limits:2.5

Upper Limits:81.0

Extinguishing Media:STOP FLOW OF GAS IF POSSIBLE

Fire Fighting Procedures:USE WATER TO COOL EXPOSED CONTAINERS & MEN

## EFFECT ING SHUTOF

Unusual Fire/Explosion Hazard:MAY DECOMPOSE VIOLENTLY IN FREE STATE  
UNDER PRESSURE.NEVER USE FREE GAS OUTSIDE CYLINDER W/PRES>15PG

## Accidental Release

Spill Release Procedures:LEAVE TO BLEED OFF IN ATMOSPHERE IN AN OPEN  
AREA. BY FORCED VENTILATION,MAINTAIN CONC.OF GAS BELOW THE RANGE OF  
EXPLOSIVE MIXTURE.

## Handling

Handling and Storage Precautions:KEEP AWAY FROM ALL POSSIBLE SOURCES OF  
IGNITION & COMBUSTIBLE MATERIALS.ISOLATE FROM  
EXPLOSIVES,TOXICANTS,RADIOACTIVE MATERIALS,ORGANIC PEROXIDES,CL\*2  
Other Precautions:ISOLATE FROM BR\*2,F\*2,CU AG OR HG.OUTDOORS OR  
DETACHED(ISOLATED) STORAGE IS PREFERRED.STORE IN  
COOL,WELL-VENTILATED PLACE.PROTECT AGAINST LIGHTNING & STATIC  
ELECTRICITY.PIPING USED SHOULD BE

## Exposure Controls

Ventilation:ADEQUATE VENTILATION.SUPPLY FRESH AIR TO AN ENCLOSED AREA.  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GOGGLES.  
Supplemental Safety and Health  
THE CAS REGISTRY NUMBER FOR ITEM IS 74-86-2.INCOMPATABILITY(CONT):AG,OR  
HG,IGNITION SOURCES.OTHER PRECAUTIONS(CONTD):EXECUTED UNDER  
DITCHG.PRESS.NOT EXCEEDING 15 PSI GAUGE.

## Chemical Properties

HCC:G2  
Boiling Pt:B.P. Text:-103F  
Vapor Pres:635  
Vapor Density:0.9  
Spec Gravity:0.9057  
Solubility in Water:1.7VOL/VOL  
Appearance and Odor:COLORLESS/GARLIC-LIKE ODOR.  
Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES  
COMBUSTIBLE MATLS,EXPLOSIVES,TOXICANTS,RADIOACTIVE MATLS,CU  
Hazardous Decomposition Products:HYDROGEN & CARBON WHEN SUBJECTED TO  
HT,SPARKS OR FRICTIONS.

## Disposal

Waste Disposal Methods:FIT A PIPE LINE INTO A FURNACE OR INTO A PIT &  
WITH CARE.

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.