

MAPP GAS

MSDS Number

BBBDG

National Stock Number

6830-00B010046

Product Name

MAPP GAS

Manufacturer

AIRCO WELDING PRODUCTS

Product Identification

Product ID:MAPP GAS
MSDS Date:05/01/1984
FSC:6830
NIIN:00B010046
MSDS Number: BBBDG

Responsible Party

AIRCO WELDING PRODUCTS

575 MOUNTAIN AVE.

MURRAY HILL , NJ 07974

US

Emergency Phone: 201464-8100

Cage: 94080

Contractor

AIRCO WELDING PRODUCTS, CUTTING MACHINE DEPT.

ARCADE, NY 14009-1626

US

716-343-5114

Cage: 94080

Ingredients

METHYL ACETYLENE-PROPADIENE MIXTURE (MAPP)

CAS: 59355-75-8

RTECS: UK4920000

Fraction By Weight: 100%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Effects of Overexposure:SIMPLE ASPHYXIAN.T.GAS REDUCES OXYGEN AVAILABLE
FOR BREATHING.CAN CAUSE UNCONSCIOUSNESS AND DEATH AT CONCENTRATION
HIGH ENOUGH TO DILUTE OXYGEN TO ATMOSPHERE BELOW 19%.MILD
ANESTHETIC AT LOWER CONCENTR ATIONS.

First Aid

First Aid:REMOVE TO FRESH AIR.GIVE OXYGEN.GIVE ARTIFICIAL RESPIRATION
IF BREATHING HAS STOPPED.GET MEDICAL ATTENTION.

Fire Fighting

Lower Limits:3.4
Upper Limits:10.8
Extinguishing Media:WATER,DRY CHEMICAL,CO2.WET RAG OR WASTE FOR SMALL LEAK FIRE,CLOSE CYLINDER VALVE OR SHUT OFF SUPPLY IF POSSIBLE.
Fire Fighting Procedures:KEEP PERSONNEL AWAY.COOL BURNING CYLINDER WITH LOTS OF WATER TO PREVENT EXPLOSION.WET DOWN ADJACENT COMBUSTIBLES.
Unusual Fire/Explosion Hazard:IF FLAME IS EXTINGUISHED BEFORE SUPPLY IS SHUT OFF,THERE IS SERIOUS DANGER OF EXPLOSION FROM RE-IGNITION.

Accidental Release

Spill Release Procedures:SMALL LEAKS WILL DISSIPATE RAPIDLY INTO THE ATMOSPHERE.REMOVE LEAKING CYLINDERS TO SAFE OUTDOOR LOCATION,IF POSSIBLE AND ALLOW CONTENTS TO BE EXPENDED.FOR LARGE LEAKS IN CONFINED AREA,VENTILATE AREA,KEEP PERSONNEL AWAY.

Handling

Handling and Storage Precautions:DO NOT DROP CYLINDERS.STORE WHERE TEMPERATURE WILL NOT EXCEED 125F.STORE IN WELL VENTILATED AREA.KEEP CONTAINER UPRIGHT.
Other Precautions:STORE AWAY FROM OXYGEN AND NON-FLAMMABLE COMPRESSED GAS CYLS.KEEP VALVE PROTECTION CAP IN PLACE EXCEPT WHEN USING.OPEN CYLINDER VALVE SLOWLY.

Exposure Controls

Respiratory Protection:NOT NORMALLY REQUIRED.DO NOT ENTER AREA OF HIGH MAPP CONCENTRATION UNTIL FIRST PURGING WITH INERT GAS AND THEN VENTILATING WITH AIR.
Ventilation:PROVIDE LOCAL EXHAUST OR MECHANICAL VENT.IF WELDING OR CUTTING IN CONFINED AREA.
Protective Gloves:LEATHER OR ASBESTOS WHEN WELDING/CUTTING
Eye Protection:FILTER LENSES WHEN WELDING OR CUTTING
Supplemental Safety and Health
USE AIR SUPPLIED RESPIRATOR FOR EXTREME CONFINED AREAS WHERE TLV'S MAY BE EXCEEDED WHEN WELDING OR CUTTING.WARNING:ANY LEAKS OF MAPP PRESENT GREAT DANGER OF EXPLOSION OR FIRE.

Chemical Properties

Boiling Pt:B.P. Text:-36FTO-4F
Vapor Pres:@70F 94
Vapor Density:1.48
Spec Gravity:0.576
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS CHARACTERISTIC UNPLEASANT ODOR AT APPROX. 100PPM.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
NATURAL RUBBER.COPPER ALLOYS ABOVE 67% COPPER,SILVER
MERCURY,HALOGENS,ACIDS,METALLIC SODIUM OR POTASSIUM.

Disposal

Waste Disposal Methods:VENT TO ATMOSPHERE AT SLOW RATE IN OUTDOOR AREA.KEEP ALL SOURCES OF IGNITION AWAY.

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