



Division of The BOC Group, Inc.

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MATERIAL SAFETY DATA SHEET

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#262

Welding Consumables
and Related Products
Conforms to OSHA 1910.1200

IDENTIFICATION

PRODUCT NAME: Liquified Petroleum Gas
w/Methyl Acetylene-Propadiene

CHEMICAL FAMILY: Gas Mixture

SYNONYMS: MAPP Gas, Methyl Acetylene-
Propadiene Mixture

DOT HAZARD CLASS: Flammable Gas

CAS NUMBER: None

DOT IDENTIFICATION NUMBER: UN 1075

FORMULA: C_3H_4 + Alkane + Alkene
Hydrocarbons

CHEMTREC: 800-424-9300

HEALTH HAZARD DATA

HAZARDOUS INGREDIENTS	GAS	WT %	TLV (ACGIH)	PEL (OSHA)
Methyl Acetylene-Propadiene	74-99-7	44	1000 ppm	1000 ppm
Liquified Petroleum Gas	None	56	1000 ppm	1000 ppm

SYMPTOMS OF EXPOSURE:

A Central Nervous System Depressant and Irritant. Inhalation of low concentrations will cause excitement, disorientation. Contact with liquid will cause frostbite, irritation or blindness. Being a simple asphyxiant, inhalation at high concentrations, so as to exclude an adequate supply of oxygen to the lungs will cause unconsciousness, and possibly death.

TOXICOLOGICAL PROPERTIES:

Repeated exposures to tolerable levels has not shown deleterious effects. The major property is the exclusion of an adequate supply of oxygen to the lungs.

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REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): Natural rubber, copper alloys above 65% copper, silver, mercury, halogens, acids, metallic sodium potassium, potassium permanganate.

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Conditions to Avoid: None:

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate all personnel from affected area. Use appropriate protective equipment. If leak is in user's equipment, be certain to purge piping with an inert gas prior to attempting repairs. If leak is in container or container valve, contact the closest supplier location.

WARNING:

Any leaks of MAPP present great danger of explosion or fire. Keep all sources of ignition away.

Waste Disposal Method:

Do not attempt to dispose of waste or unused quantities. Return in the shipping container properly labeled, with valve protection cap in place to supplier for proper disposal.

SPECIAL PROTECTION INFORMATION

Leather gloves and aprons when welding, cutting, or brazing. Safety glasses with filter lenses, shade #4 or darker.

Respiratory protection is not normally required. Do not enter area of high MAPP concentration until first purging with inert gas and then ventilating with air.

Local exhaust - Provide local exhaust or mechanical ventilation if welding or cutting in confined areas. Use air supplied respirator for extreme confined areas where TLV's may be exceeded when welding, cutting, or brazing.

SPECIAL PRECAUTIONS

Special Labeling Information:

DOT Shipping Name: Liquified Petroleum Gas/Methyl Acetylene-Propadiene
DOT Shipping Label: Flammable gas
DOT Hazard Class: Flammable gas
I.D. No.: UN 1075