

BERNZOMATIC -- MAPP GAS - METHYLACETYLENE PROPADIENE

MATERIAL SAFETY DATA SHEET

NSN: 683000D020183

Manufacturer's CAGE: 70785

Part No. Indicator: A

Part Number/Trade Name: MAPP GAS

General Information

Item Name: METHYLACETYLENE PROPADIENE

Company's Name: BERNZOMATIC CORP

Company's Street: ONE BERNZOMATIC DRIVE

Company's City: MEDINA

Company's State: NY

Company's Country: US

Company's Zip Code: 14103-1648

Company's Emerg Ph #: 716-798-4949

Company's Info Ph #: 716-798-4949

Distributor/Vendor # 1: BALKAMP INC (317-248-0760)

Distributor/Vendor # 1 Cage: 70842

Distributor/Vendor # 2: NAPA

Distributor/Vendor # 2 Cage: 050Q3

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SM

Date MSDS Prepared: 30MAY90

Safety Data Review Date: 22DEC96

Supply Item Manager: CX

MSDS Serial Number: CCHPV

Specification Number: UNKNOWN

Spec Type, Grade, Class: UNKNOWN

Hazard Characteristic Code: G2

NRC/State License Number: NONE

Net Propellant Weight-Ammo: NONE

Ingredients/Identity Information

Proprietary: NO

Ingredient: METHYL ACETYLENE (PROPYNE)

Ingredient Sequence Number: 01

Percent: 100

NIOSH (RTECS) Number: UK4250000

CAS Number: 74-99-7

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9394

Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: COLORLESS, UNPLEASANT ODOR AT APPROX. 100 PPM
Boiling Point: -36F, -38C
Melting Point: NOT GIVEN
Vapor Pressure (MM Hg/70 F): 109 PSIG
Vapor Density (Air=1): 1.48
Specific Gravity: .571
Decomposition Temperature: NOT GIVEN
Evaporation Rate And Ref: NOT GIVEN
Solubility In Water: SLIGHT
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data

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Flash Point: -99F, -73C
Flash Point Method: CC
Lower Explosive Limit: 3.0
Upper Explosive Limit: 11.0
Extinguishing Media: ELIMINATE OXYGEN SOURCE OR STOP FLOW OF GAS. USE WATER TO COOL CYLINDER. DRY CHEMICAL OR CARBON DIOXIDE TO REDUCE OXYGEN
Special Fire Fighting Proc: COOL CYLINDERS WITH WATER. KEEP PERSONNEL AWAY.
Unusual Fire And Expl Hazrds: VAPOR IS FLAMMABLE AND HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL TO REDUCE PRESSURE.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): DO NOT EXPOSE TO TEMPERATURES ABOVE 125F.
Materials To Avoid: EXTREMELY FLAMMABLE. AVOID UNCONTROLLED CONTACT WITH OXIDIZERSS
Hazardous Decomp Products: NORMAL BY-PRODUCTS OF COMBUSTION.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): WILL NOT OCCUR.

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Health Hazard Data

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LD50-LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: ASPHYXIAANT. MAY REDUCE OXYGEN REQUIRED FOR BREATHING. LIQUID GAS MAY FREEZE SKIN.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs/Symptoms Of Overexp: DIZZINESS TO UNCONSCIOUSNESS IF HIGH CONCENTRATIONS OF GAS REPLACE OXYGEN FOR BREATHING.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: REMOVE EXPOSED PERSON TO FRESH AIR. IF UNCONSCIOUS, SEEK MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: REMOVE IGNITION SOURCES AND VENTILATE AREA.

Neutralizing Agent: NO INFORMATION GIVEN BY MFR ON MSDS.

Waste Disposal Method: VENT TO ATMOSPHERE IN OUTDOOR AREA FREE OF ALL SOURCES OF IGNITION.

Precautions-Handling/Storing: STORE IN WELL VENTILATED AREA AWAY FROM ALL IGNITION SOURCES. STORE AT TEMPERATURES BELOW 125F. STORE OUT OF DIRECT SUNLIGHT.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: NOT REQUIRED WITH NORMAL USE.

Ventilation: LOCAL EXHAUST ADVISABLE WHEN WELDING, OTHERWISE "N/A".

Protective Gloves: ADVISABLE WHEN WELDING.

Eye Protection: FILTER SHADE #4 OR DARKER FOR WELDING

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Trans Data Review Date: 96327

DOT PSN Code: LLG

DOT Proper Shipping Name: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLEUM GAS

DOT Class: 2.1

DOT ID Number: UN1075

DOT Label: FLAMMABLE GAS

IMO PSN Code: LMX

IMO Proper Shipping Name: PETROLEUM GASES, LIQUEFIED o

IMO Regulations Page Number: 2147

IMO UN Number: 1075
 IMO UN Class: 2(2.1)
 IMO Subsidiary Risk Label: -
 IATA PSN Code: TJL
 IATA UN ID Number: 1075
 IATA Proper Shipping Name: PETROLEUM GASES, LIQUEFIED
 IATA UN Class: 2.1
 IATA Label: FLAMMABLE GAS
 AFI PSN Code: TJL
 AFI Symbols: 0
 AFI Prop. Shipping Name: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLIUM GAS
 AFI Class: 2.1
 AFI ID Number: UN1075
 AFI Basic Pac Ref: A6.3,A6.5
 N.O.S. Shipping Name: METHYLACETYLENE (PROPYNE)

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Disposal Data

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Label Data

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Label Required: YES
 Technical Review Date: 22NOV96
 MFR Label Number: NONE
 Label Status: F
 Common Name: MAPP GAS
 Chronic Hazard: NO
 Signal Word: CAUTION!
 Acute Health Hazard-Slight: X
 Contact Hazard-Slight: X
 Fire Hazard-Slight: X
 Reactivity Hazard-None: X
 Special Hazard Precautions: STORE IN WELL VENTILATED AREA AWAY ROM ALL
 IGNITION SOURCES. STORE AT TEMPERATURES BELOW 125F. STORE OUT OF DIRECT
 SUNLIGHT. FIRST AID: REMOVE EXPOSED PERSON TO FRESH AIR. UF UNCONSCIOUS,
 SEEK MEDICAL ATTENTION.
 Protect Eye: Y
 Protect Skin: Y
 Label Name: BERNZOMATIC CORP
 Label Street: ONE BERNZOMATIC DRIVE
 Label City: MEDINA
 Label State: NY
 Label Zip Code: 14103-1648
 Label Country: US
 Label Emergency Number: 716-798-4949