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MSDS

**Common Name:** MAPP GAS**Manufacturer:** BERNZ-O-MATIC**MSDS Revision Date:** 6/11/2008**Grainger Item Number(s):** 3WA92, 4LFJ4, 4NE87, 6Z010**Manufacturer Model Number(s):**

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JMB-3

OSHA 174, SEPT. 1985

MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

U.S. DEPARTMENT OF LABOR

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (NON-MANDATORY FORM)

FORM APPROVED OMB NO.: 1218-0072

IDENTITY (AS USED ON LABEL AND LIST): MAPP GAS

**NOTE:**

BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

### SECTION I



SUPPLIER'S NAME: BERNZ-O-MATIC

**ADDRESS:**

NUMBER, STREET, CITY, STATE AND ZIP CODE:  
ONE BERNZOMATIC DRIVE  
MEDINA, NY 14103

EMERGENCY TELEPHONE NUMBER: 585-798-4949

TELEPHONE NUMBER FOR INFORMATION: 585-798-4949

DATE PREPARED: JUNE 11, 2008

SIGNATURE OF PREPARER (OPTIONAL):

## SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION



HAZARDOUS COMPONENTS SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% OPTIONAL)
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LIQUEFIED PETROLEUM GAS W/ METHYLACETYLENE	N/A	N/A	N/A	
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LIQUEFIED PETROLEUM GAS CAS NO.: 68476-85-7	1000 PPM			56.0
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METHYL ACETYLENE-PROPADIENE CAS NO.: 56960-91-9	1000 PPM			44.0
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### NFPA HAZARD RATINGS:

HEALTH 2  
FLAMMABILITY 4  
REACTIVITY 2

### HMIS RATINGS:

HEALTH 0  
FLAMMABILITY 4  
REACTIVITY 2

NOTES:

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS



BOILING POINT: -54 DEG. F TO -10 DEG. F

SPECIFIC GRAVITY (H2O = 1): 0.571

VAPOR PRESSURE (MMHg) @70 DEG. F: 97 PSIG

MELTING POINT: N/A

VAPOR DENSITY (AIR=1): 1.48

EVAPORATION RATE (BUTYL ACETATE=1): N/A

SOLUBILITY IN WATER: SLIGHT

APPEARANCE AND ODOR: COLORLESS - UNPLEASANT ODOR AT APPROX. 100 PPM

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA



FLASH POINT (METHOD USED): CLOSED CUP -144 DEG. F

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: 3.0  
UEL: 11.0

EXTINGUISHING MEDIA:

ELIMINATE OXYGEN SOURCE OR STOP FLOW OF GAS. USE WATER TO COOL CYLINDER.  
DRY CHEMICAL OR CO2 TO REDUCE OXYGEN.

SPECIAL FIRE FIGHTING PROCEDURES:  
COOL CYLINDERS WITH WATER. KEEP PERSONNEL AWAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
AUTO IGNITION TEMP. 850 DEG. F. KEEP IGNITION SOURCES AWAY FROM CYLINDER  
AND CONTINUE TO COOL CYLINDER UNTIL GAS FLOW IS SHUT OFF. ESCAPING GAS  
FROM CYLINDER MAY BE IGNITED.

## SECTION V - REACTIVITY DATA



STABILITY:  
UNSTABLE ( )  
STABLE (X)

CONDITIONS TO AVOID:  
DO NOT EXPOSE TO TEMPERATURES ABOVE 125 DEG. F.

INCOMPATIBILITY (MATERIALS TO AVOID):  
EXTREMELY FLAMMABLE. AVOID UNCONTROLLED CONTACT WITH OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: N/A

HAZARDOUS POLYMERIZATION:  
MAY OCCUR ( )  
WILL NOT OCCUR (X)

CONDITIONS TO AVOID: N/A

## SECTION VI - HEALTH HAZARD DATA



ROUTES OF ENTRY:  
INHALATION?: YES  
SKIN?: YES  
INGESTION?: UNLIKELY

HEALTH HAZARDS (ACUTE AND CHRONIC):  
ASPHYXIANT. MAY REDUCE OXYGEN REQUIRED FOR BREATHING. LIQUID GAS MAY  
FREEZE SKIN.

CARCINOGENICITY:  
NTP?: N/A  
IARC MONOGRAPHS?: N/A  
OSHA REGULATED?: NO

SIGNS AND SYMPTOMS OF EXPOSURE:  
DIZZINESS TO UNCONSCIOUSNESS IF HIGH CONCENTRATIONS OF GAS REPLACE OXYGEN  
FOR BREATHING.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY AND FIRST AID PROCEDURES:  
REMOVE PERSON TO FRESH AIR. IF UNCONSCIOUS, SEEK MEDICAL ATTENTION.

WARNING:  
THIS FUEL, AND BY PRODUCTS OF COMBUSTION OF THIS FUEL, CONTAIN CHEMICALS  
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, AND OTHER  
REPRODUCTIVE HARM.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE



STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
REMOVE ALL IGNITION SOURCES. VENTILATE AREA.

## WASTE DISPOSAL METHOD:

VENT TO ATMOSPHERE IN OUTDOOR AREA FREE OF ALL SOURCES OF IGNITION.

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE IN WELL VENTILATED AREA AWAY FROM ALL IGNITION SOURCES.

STORE AT TEMPERATURES BELOW 125 DEG. F. STORE OUT OF DIRECT SUNLIGHT.

OTHER PRECAUTIONS: N/A

**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT REQUIRED WITH NORMAL USE.

## VENTILATION:

LOCAL EXHAUST: ADVISABLE WHEN WELDING.

MECHANICAL (GENERAL): N/A

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: ADVISABLE WHEN WELDING.

EYE PROTECTION: USE FILTER SHADE NO. 4 OR DARKER WHEN WELDING.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK / HYGIENIC PRACTICES: N/A

**SECTION IX - SHIPPING INFORMATION**

WHMIS CLASSIFICATION: A-COMPRESSED GAS & B1 - FLAMMABLE GAS

CLASS: 2.1

## DOT:

PROPER SHIPPING NAME:

METHYL ACETYLENE AND PROPADIENE MIXTURES. STABILIZED

HAZARD CLASSIFICATION: FLAMMABLE GAS

UN. NO.: 1060