

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	MAPP GAS
National Stock Number	6830PH85088
CAGE Code	BERNZ
Part Number Indicator	A
MSDS Number	192715
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	BERNZ-O-MATIC
Street	ONE BERNZOMATIC DRIVE
City	MEDINA
State	NY
Country	US
Zip Code	14103
Emergency Phone	716-798-4949
Information Phone	585-798-4949

MSDS Preparer's Information

Date MSDS Prepared/Revised	01JAN03
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	COLORLESS, UNPLEASANT ODOR AT APPROX. 100PPM
Boiling Point	-54 TO -10F
Vapor Pressure	82
Vapor Density	1.48
Specific Gravity	0.571
Solubility in Water	SLIGHT
Container Pressure Code	2
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	-144
Flash Point Method	UNK
Lower Explosion Limit	3.0
Upper Explosion Limit	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/Explosion Hazards	AUTO IGNITION TEMP 850 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	YES
Stability Conditions to Avoid	DO NOT EXPOSE TO TEMPERATURES ABOVE 125F
Materials to Avoid	EXTREMELY FLAMMABLE. AVOID UNCONTROLLED CONTACT WITH OXIDIZERS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	ASPHYXIANANT. MAY REDUCE OXYGEN REQUIRED FOR BREATHING. LIQUID GAS MAY FREEZE SKIN
Symptoms of Overexposure	DIZZINESS TO UNCONSCIOUSNESS IF HIGH CONCENTRATIONS OF GAS REPLACE OXYGEN FOR BREATHING
Emergency/First Aid Procedures	REMOVE PERSON TO FRESH AIR. IF UNCONSCIOUS, SEEK MEDICAL ATTENTION

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	REMOVE ALL IGNITION SOURCES. VENTILATE AREA
Waste Disposal Method	VENT TO ATMOSPHERE IN OUTDOOR AREA FREE OF ALL SOURCES OF IGNITION
Handling and Storage Precautions	STORE IN WELL VENTILATED AREA AWAY FROM ALL IGNITION SOURCES. STORE AT TEMPERATURES BELOW 125F. STORE OUT OF DIRECT SUNLIGHT

SECTION VIII - Control Measures

Respiratory Protection	NOT REQUIRED WITH NORMAL USE
Ventilation	LOCAL EXHAUST ADVISABLE WHEN WELDING
Protective Gloves	ADVISABLE WHEN WELDING
Eye Protection	FILTER SHADE #4 OR DARKER WHEN WELDING

SECTION IX - Label Data

Protect Eye	NO
Protect Skin	NO
Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	4.76
Volatile Organic Compounds (G/L)	570.4329

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	LIQUEFIED PETROLEUM GAS W/METHYLACETYLENE PROPADIENE
CAS Number	1003
Proprietary	NO
Percent	0
Ingredient #	02
Ingredient Name	*LIQUIFIED PETROLEUM GAS
CAS Number	68476857
Proprietary	NO
Percent	56
Ingredient #	03
Ingredient Name	*METHYL ACETYLENE PROPADIENE
CAS Number	56960919
Proprietary	NO
Percent	44
