

BERNZOMATIC -- PROPANE - PROPANE  
MATERIAL SAFETY DATA SHEET  
NSN: 6830013861396  
Manufacturer's CAGE: 70785  
Part No. Indicator: B  
Part Number/Trade Name: PROPANE

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General Information

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Item Name: PROPANE  
Company's Name: BERNZOMATIC CORP  
Company's Street: OLNEY ST  
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: NASTER SALE INC / DBA ACE TOOL CO  
Distributor/Vendor # 1 Cage: 1X015  
Safety Data Action Code: A  
Record No. For Safety Entry: 003  
Tot Safety Entries This Stk#: 003  
Status: SE  
Date MSDS Prepared: 07FEB97  
Safety Data Review Date: 15OCT97  
Supply Item Manager: CX  
MSDS Serial Number: CFKTZ  
Specification Number: UNKNOWN  
Hazard Characteristic Code: G2  
Unit Of Issue: CY  
Unit Of Issue Container Qty: 16.4 OZ  
Type Of Container: DISPO CYLINDR  
Net Unit Weight: 12X 16.4 OZ

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: PROPANE  
Ingredient Sequence Number: 01  
Percent: 100  
Ingredient Action Code: A  
NIOSH (RTECS) Number: TX2275000  
CAS Number: 74-98-6  
OSHA PEL: 1000 PPM  
ACGIH TLV: ASPHYXIAN; 9596  
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: COLORELSS, ROTTEN EGG ODOR  
Boiling Point: -44F,-42C  
Melting Point: NA  
Vapor Pressure (MM Hg/70 F): 197PSIG  
Vapor Density (Air=1): 1.56  
Specific Gravity: 0.51 LIQ @60F  
Decomposition Temperature: NP

Evaporation Rate And Ref: NA  
Solubility In Water: NOT SOLUBLE  
Percent Volatiles By Volume: NP  
Viscosity: NP  
pH: NP  
Corrosion Rate (IPY): NP  
Autoignition Temperature: NP

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Fire and Explosion Hazard Data

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Flash Point: -156F,-104C  
Flash Point Method: CC  
Lower Explosive Limit: 2.1  
Upper Explosive Limit: 9.5  
Extinguishing Media: STOP FLOW OF GAS OR OXYGEN  
Special Fire Fighting Proc: USE WATER TO COOL TANKS.  
Unusual Fire And Expl Hazrds: AUTOIGN TEMPS:842F.HEAVIER THAN AIR(VAPOR DENSITY 1.5).MAY TRAVEL A CONSIDERABLE DISTANCE TO SOURCE OF IGNITION & FLASHBACK.

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Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): NOT APPLICABLE  
Materials To Avoid: NOT APPLICABLE  
Hazardous Decomp Products: PROPANE FUEL BURNED EFFICIENTLY NORMAL BY-PRODS OF COMBUST ARE CO2,H2O.INEFFICIENT BURNING MAY ADD CO TO BY-PROD OF COMB  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT APPLICABLE

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: CONTACT W/LIQUID PROPANE MAY CAUSE FROST BURNS.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: PER MSDS:CARCINOGENCITY:NTP/IARC/OSHA:NOT APPLICABLE  
Signs/Symptoms Of Overexp: HIGH CONCENTRATIONS MAY CAUSE HEADACHES AND DROWSINESS.  
Med Cond Aggravated By Exp: NOT APPLICABLE  
Emergency/First Aid Proc: REMOVE EXPOSED PERSON FROM CONTAMINATED AREA.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: REMOVE IGNITION SOURCES AND VENTILATE AREA.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Method: VENT GAS TO ATMOSPHERE IN FLAME FREE SPARK FREE AREA OUTDOORS.  
Precautions-Handling/Storing: STORE AT TEMPERATURES BELOW 120F IN WELL VENTILATED SPARK FREE FLAME FREE AREA.

Other Precautions: NONE

Control Measures

Respiratory Protection: NOT REQUIRED WITH NORMAL USE.  
Ventilation: NOT APPLICABLE  
Protective Gloves: NOT REQUIRED  
Eye Protection: NOT REQUIRED  
Other Protective Equipment: NOT REQUIRED  
Work Hygienic Practices: NOT APPLICABLE

Transportation Data

Transportation Action Code: A  
Trans Data Review Date: 97288  
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 Prop. Shipping Name: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLIUM  
GAS  
AFI Class: 2.1  
AFI ID Number: UN1075  
AFI Special Prov: P4  
AFI Basic Pac Ref: A6.3, A6.7  
Additional Trans Data: PER MSDS:DOT PROPER SHIPPING NAME:PETROLEUM GAS,  
LIQUIFIED,FLAMM GAS,UN1075,2.1.

Disposal Data

Label Data

Label Required: YES  
Technical Review Date: 15OCT97  
Label Status: F  
Common Name: PROPANE  
Chronic Hazard: YES  
Signal Word: DANGER!  
Acute Health Hazard-Severe: X  
Contact Hazard-Slight: X  
Fire Hazard-Severe: X  
Reactivity Hazard-None: X

Special Hazard Precautions: CONTACT W/LIQUID PROPANE MAY CAUSE FROST BURNS. STORE AT TEMPERATURES BELOW 120F IN WELL VENTILATED SPARK FREE FLAME FREE AREA. FIRST AID: REMOVE EXPOSED PERSON FROM CONTAMINATED AREA.

Protect Eye: Y

Protect Skin: Y

Label Name: BERNZOMATIC CORP

Label Street: OLNEY ST

Label City: MEDINA

Label State: NY

Label Zip Code: 14103-1648

Label Country: US

Label Emergency Number: 716-798-4949

Year Procured: 1997