

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

#02-063

MATERIAL SAFETY DATA SHEET

2SF30
3X670, 3X671, 3X676,
3X674, 42729,
62008, 62009

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 -2SF30-
OMB No. 1218-0072

Identity (As Used on Label and List)

Note: Blank spaces are not
permitted. If any item is not

Propane
applicable, or no information
is available, the space must be
marked to indicate that.

Section I

Supplier's Name
Bernzomatic

Emergency Telephone Number
716-798-4949

Address (Number, Street, City,
State and ZIP Code)
One Bernzomatic Drive
Medina, N.Y. 14103

Telephone Number for information
716-798-4949
Date Prepared
11-14-88

Signature of Preparer (optional)
Roger L. Maxon

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names(s))	ACGIH TLV	Other Limits % (optional)
Propane CAS #74-98-6	1000 ppm	100

NFPA HAZARD RATINGS
Health - 1
Flammability - 4
Reactivity - 0

NOTE: When propane fuel is burned efficiently the normal by-products of
combustion are CO₂ and H₂O. Inefficient burning may add CO to the
by-products of combustion.

Section III - Physical/Chemical Characteristics

Boiling Point -44 F	Liquid 60 F	Specific Gravity (H ₂ O = 1) .51
Vapor Pressure (mm Hg.) 100 F	197 psig	Melting Point N/A
Vapor Density (AIR = 1) 1 ATM 60 F	1.56	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water	Not Soluble	
Appearance in Odor	Colorless - Rotten Egg Odor	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 100 F Closed Cup	Flammable Limits	LEL 2.1	UEL 9.5
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Extinguishing Media
Stop flow of gas or oxygen

Special Fire Fighting Procedures
Use water to cool tanks

Unusual Fire and Explosion Hazards
Auto ignition temp. 842 F Heavier than air (vapor density 1.5)
May travel a considerable distance to a source of ignition and flashback.

(Reproduced locally) OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
Stable	N/A	

Incompatibility (Material to Avoid) N/A

Hazardous Decomposition or Byproducts None

Hazardous Polymerization	May Occur May Not Occur	Conditions to Avoid
X	N/A	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin	Ingestion?
Yes	Yes	No	

Health Hazards (Acute and Chronic)
Contact with liquid propane may cause frost burns.

Carcinogenicity:	NTP?	ARC Monographs?	OSHA Regulated?
N/A	N/A	N/A	

Signs and Symptoms of Exposure
High concentrations may cause headaches and drowsiness.

Medical Conditions Generally Aggravated by Exposure
N/A

Emergency and First Aid Procedures
Remove exposed person from contaminated area.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Remove ignition sources and ventilate area.

Disposal Method
gas to atmosphere in flame free, spark free
outdoors.

Precautions to Be Taken in Handling and Storing
Store at temperatures below 120 F in well ventilated,

spark free, flame free area

Other Precautions None

Section VIII - Control Measures

Respiratory Protection (Specify Type)
Not required with normal use.

Ventilation	Local Exhaust	Special
N/A	N/A	
Mechanical (General)	Other	
N/A	N/A	

Protective Gloves	Eye Protection
Not Required	Not Required

Other Protective Clothing or Equipment
Not Required

Work/Hygienic Practices N/A

Page 2

*U.S.G.P.O. 1985-491-529/45775