


MSDS

 **microflame** a division of
 Azure Moon Trading Corp
 20 Commerce Park N., Suite 101
 Bedford, NH 03110
 603-296-0393

Part # 1002

Manufacturer:
 Nittan USA Inc.
 355 Thermos Road
 Batesville, MS 38606
 601-563-1972 601-563-1975 (fax)

PRODUCT IDENTIFICATION:

Product Name: Butane Cylinder
 General Use: Mini Torch
 Manufacturer: Nippon Tansan Gas Co., Ltd.
 Address: 12-15 3chome Aoi
 Adachi, Tokyo Japan 120
 Telephone: 3-3849-1571
 Emergency Number: Infotrac 24 hours 1-800-535-5053

MATERIAL ANALYSIS:

Component or Material Chemical Name:		
Propane (C ₃ H ₈)	2.0%	CAS# 74-98-6
Isobutane (I-C ₄ H ₁₀)	25.7%	75-28-5
Butane (N-C ₄ H ₁₀)	72.3%	106-97-8

PHYSICAL DATA:

Description:	Appearance-colorless; Odor-no odor
Boiling Point:	-0.5°C
Vapor Pressure at 37.8°C:	3.375kg/cm ²
Vapor Density at 15.6°C latm:	2.534kg/cm ²
Specific Gravity(H ₂ O=1) at 15.7°C:	0.574
Solubility in Water:	0.0325 at 20°C Bunsen Coefficient

FIRE and EXPLOSION HAZARD DATA:

Flash Point (in air):	-72°C
Flammable Limits (in air 200C latin)	1.8LEL/8.4UEL
Extinguishing Media:	Normal
Special Fire Fighting Procedures:	Inflammable
Usual Fire and Explosion Hazards:	None

REACTIVITY DATA:

Condition to Avoid: Temperature over 435°C

HEALTH HAZARD DATA:

Emergency and First Aid Procedures: Breathe Oxygen or air to ventilate lungs

PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Keep room well ventilated.

Waste Disposal Method: Keep room well ventilated.

Precaution to Be Taken in Handling and Storing: Keep out of heat

Other Precautions: Keep out of fire and any shock

CONTROL MEASURES:

Specific Personal Protective Equipment: None required, goggles and safety gloves recommended.

DEPARTMENT OF TRANSPORTATION INFORMATION:

Hazard Class: Consumer Commodity ORM-D

Notice: This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data.