



51773 BUTANE REFILL FOR TORCHES

Written by Super User. Posted in [MSDS SHEETS](#)

SECTION I - PRODUCT IDENTIFICATION

Product Name: **51773 BUTANE REFILL FOR TORCHES**

Revision: 03/06/03

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Isobutane	NE	800ppm	N/A	75-28-5
Propane	1000ppm	NE	N/A	74-98-6
Butane	800ppm	800ppm	N/A	106-97-8

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

BOILING POINT: 11°F

SPECIFIC GRAVITY (H₂O=1): .571

VAPOR PRESSURE (mm Hg): 30±2

MELTING POINT: -138°C

VAPOR DENSITY (AIR = 1): 1

EVAPORATION RATE (Butyl Acetate = 1): 1)

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear gas with light ethereal odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): -100°F Estimated

FLAMMABLE LIMITS LEL: 1.4 UEL: 9.5

EXTINGUISHING MEDIA: WATER FOG STANDARD FOAM x CO₂ x

DRY CHEMICAL x HALON

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers generate pressure when heated causing violent bursting and dangerous propelling containers.

**SPECIAL PRECAUTIONARY
STATEMENTS:**

Use water spray to cool containers. Avoid rocketing containers.

SECTION V: REACTIVITY DATA

STABILITY: x Stable Unstable

Incompatibility : Oxygen and strong oxidizing materials.

Hazardous Decomposition: Carbon oxides formed when burned

**HAZARDOUS
POLYMERIZATION:** May Occur xWill not occur

Conditions to Avoid: Not established

SECTION VI: HEALTH HAZARD DATA**ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)**

INGESTION: Simple asphyxiant, dizziness, disorientation, headache, excitation, central nervous system depression, anesthesia.

EYES: N/A

INHALATION: Simple asphyxiant, dizziness, disorientation, headache, excitation, central nervous system depression, anesthesia.

SKIN: Liquid contact with exposed skin can cause frostbite.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Remove from exposure. If irritation develops seek medical attention.

EYES: Remove from exposure. If irritation develops seek medical attention.

INHALATION: Remove from exposure. If irritation develops seek medical attention.

SKIN: Remove from exposure. If irritation develops seek medical attention.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE****LARGE AMOUNTS ARE
RELEASED:**

Protect from ignition. Ventilate area thoroughly.

WASTE DISPOSAL METHOD:

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local regulations.

**PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORAGE:**

Store below 120°F. In case of accidental puncturing with forklift, shut off forklift and any other possible source of ignition. Ventilate area.

OTHER PRECAUTIONS:

Use with adequate ventilation.

SECTION VIII: CONTROL MEASURES**RESPIRATORY PROTECTION:**

N/A

VENTILATION:

Adequate

LOCAL EXHAUST:

For small enclosed work areas

PROTECTIVE GLOVES:

Not required for normal handling

EYE PROTECTION:

Safety glasses

SECTION IX: SPECIAL PRECAUTIONS

HEALTH: 1	<u>HAZARD RATING KEY</u>
FLAMMABILITY: 4	0 = MINIMAL
REACTIVITY: 0	1 = SLIGHT
PERSONAL PROTECTION:	2 = MODERATE
	3 = SERIOUS

	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

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