



SAFETY DATA SHEET

Issue date: 03/01/2008

Revision: 1

1 Identification of the substance or preparation and of the company/undertaking

Product Name: LUCIENNE BUTANE

Use of the substance/preparation: Compressed gas

Name of Supplier: Keen (Private Label) Limited

Address of Supplier: 1 Northbrook Street, Newbury
Berkshire RG24 1DJ, UK

Telephone: +44 1635 34600

Fax: +44 1635 33360

Email: info@keen-newport.com

Emergency Telephone: +44 7901 758915

2 Composition/information on ingredients

Chemical Name	R Phrases*	Symbols
Blend of hydrocarbons consisting primarily of propane, iso-butane and n-butane	12	F+

*See Section 16

3 Hazards identification

- Odour: Odourless
- Appearance: Liquefied pressure gas
- Contact with eyes: See Section 11

3 Hazards identification (....)

- Contact with skin: Possible frost-bite of affected areas
- Inhalation: May cause dizziness, confusion, headache or stupor, In cases of severe exposure, anaesthesia may develop
- Ingestion: Not regarded as a potential route of exposure



Extremely Flammable

4 First aid measures

Contact with skin

- In case of contact with liquid, thaw frosted parts with water. Do not attempt to remove clothing which has stuck to the skin
- Burns must be treated by a physician

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Obtain immediate medical attention

Ingestion

- Not regarded as a potential route of exposure

Inhalation

- Remove patient to fresh air
- Apply artificial respiration only if patient is not breathing
- When in doubt or symptoms persist, seek medical attention

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

Notes to Physicians

- Do not give adrenalin or equivalent medicines

5 Fire-fighting measures

- Auto-ignition point 365 deg C at 760 mm Hg
- Extremely Flammable (R12), Lower flammability limit 1.7%(in air), Upper flammability limit 9.5%(in air)
- Decomposition products may include carbon oxides
- Do not extinguish a leaking gas flame unless absolutely necessary. Explosive re-ignition may occur
- In the event of an adjacent fire, cool containers with water spray
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders

6 Accidental release measures

Personal Precautions

- Shut off all ignition sources
- Shut off source of leak if safe to do so
- In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

Environmental Precautions

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

Clean Up Actions

- Shut off source of leak if safe to do so
- Allow product to evaporate
- Ventilate area

7 Handling and storage

Handling

- Use only in well ventilated areas (S51)
- Do not spray on naked flame or any incandescent material

Storage

- Keep in a cool, dry, well ventilated place
- Do not store above 45 °C

8 Exposure controls and personal protection

Exposure Limits

- TLV (TWA) 1430 mg/m³ (Butane)

Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Wear flameproof clothing



No Flames



No Smoking

9 Physical and chemical properties

- Odour: Odourless
- Appearance: Liquefied pressure gas
- pH - not applicable
- Insoluble in water
- Density - not applicable

9 Physical and chemical properties (....)

- Extremely Flammable (R12), Lower flammability limit 1.7%(in air), Upper flammability limit 9.5%(in air)
- Auto-ignition point 365 deg C at 760 mm Hg
- Upper explosive limit 8.5 % (in air)
- Lower explosive limit 1.3 % (in air)

10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating, Keep away from naked flames, incandescent or hot surfaces

11 Toxicological information

Toxicological information

- Asphyxiant

Inhalation

- In cases of severe exposure, shortness of breath may develop
- Asphyxiant

Contact with skin

- May cause frost-bite

Contact with eyes

- May cause frost-bite

Ingestion

- Not regarded as a potential route of exposure.

Carcinogenicity

- No evidence of carcinogenic effects

12 Ecological information

Ecotoxicity

- On available data, substance is not harmful to aquatic life

Mobility

- This substance is volatile

Bioaccumulation Potential

- Bioaccumulation is insignificant

13 Disposal considerations

Classification

- This material and/or its container must be disposed of as hazardous waste

Disposal considerations

- Disposal should be in accordance with local, state or national legislation

14 Transport information



Flammable gas

UN

Proper Shipping Name: RECEPTACLES, SMALL, CONTAINING GAS
UN No.: 2037
Hazard Class: 2.1 Packing Group: N/A

Road/Rail (ADR/RID)

Proper Shipping Name: RECEPTACLES, SMALL, CONTAINING GAS
ADR UN No.: 2037
ADR Hazard Class: 2.1 Tremcard: 20G5F

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name: RECEPTACLES, SMALL, CONTAINING GAS
Hazardous Material: BUTANE
Hazard Class: 2.1 Identification Number: UN 2037
Product RQ (lbs): N/A DOT subrisk: N/A
DOT Labels: 2 DOT Flashpoint: N/A

15 Regulatory information



Extremely Flammable

Risk Phrases

- Extremely Flammable (R12)

Safety Phrases

- Keep container in a well ventilated place (S9)
- Keep away from sources of ignition - No Smoking (S16)
- Take precautionary measures against static discharges (S33)

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R12: Extremely Flammable.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

ButaneSource.com