

PUREGAS PRODUCT DATA SHEET

Hydrocarbon Propellant (Butane and Propane Blend)

Description

Formula Butane C_4H_{10}
Propane C_3H_8



Gas Specifications

COMMON BLENDS * ¹	PRESSURE (bar at 25° C) TOLERANCE ± (10 kPa)	AVERAGE DENSITY (kg/m ³ at 20°C)	CYLINDER SPECIFICATION	
			Cylinder Weight	Cylinder Valve
Butane 31/Cosmetic Butane 31	2.1	0.575	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 36/Cosmetic Butane 36	2.9	0.5664	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 40/Cosmetic Butane 40	3.3	0.562	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 45	3.5	0.5609	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 46/Cosmetic Butane 46	3.6	0.5588	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 48/Cosmetic Butane 48	3.8	0.5566	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 56	4.3	0.5512	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 62/Cosmetic Butane 62	4.7	0.5469	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Butane 5.6/Butane 74	5.6	0.5381	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female
Propane	8.0	0.51	48kg	Liquid: 3/8" SAE Male Vapour: 5/8" BSP LH Female

*¹ Other vapour pressures can be blended on request

Shipping Information

CAS Number
UN Number
ADR Class

Butane
106-97-8
UN 1011
2.1

Propane
74-98-6
UN 1978
2.1



Characteristics

Liquefied, colourless gas
Extremely flammable
Flammability Range in Air (% Volume) 1.5% to 9.5%
Vapour heavier than air and may accumulate in confined spaces

Health Risks

Refer to the Puregas MSDS for Butane/Propane for further information



For further information on products and services available from Puregas, please contact us on +27 (0)11-903-9760,
e-mail your enquiry to info@puregas.co.za, or visit our website at www.puregas.co.za

Disclaimer: Whilst every effort is made to ensure the accuracy of the data contained herein, Puregas will not be held liable for any claim as a result of any possible errors or omissions