



# INDUSTRIAL HYGIENE

## DISPOSABLE STEEL CYLINDERS

### N-BUTANE - 1011

N-BUTANE (PPM) BALANCE AIR CERTIFIED GRADE $\pm 5\%$ ANALYTICAL ACCURACY						
Concentrations* Available	Cylinder Size	Volume (ft <sup>3</sup> )	PSIG	CGA	Catalog Number	Regulator Recommended
50ppm	17L	0.6	240	600	DSP P1011*PA	400 series, 4903-600, 6600, or 8600
	34L	1.2	500	600	DSP H1011*PA	400 series, 4903-600, 6600, or 8600
	103L	3.6	1000	C10	DSP J1011*PA	500 series, 4903, 6C10
	221L	7.5	260	165	DSP M1011*PA	6165, 701
	550L	19.5	2200	590	DSP E1011*PA	8000 series, 900-30 or HP Series
<b>Notes</b>	1. Concentration(s) listed are available stock items. Complete catalog number by replacing the * with concentration number. 2. Other concentrations available upon request. Create custom catalog number by replacing the * with your desired concentration. 3. Certificate of Analysis available upon request for a nominal fee.					
<b>Certification Period</b>	36 months					
<b>Shipping Information</b>	D.O.T. Proper Shipping Name: Compressed gas, n.o.s., (Air, Butane) I.D. Number: UN1956 Hazard Class: 2.2 Shipping Labels: Nonflammable Gas					

N-BUTANE (% LEL) BALANCE AIR CERTIFIED GRADE $\pm 5\%$ ANALYTICAL ACCURACY						
Concentrations* Available	Cylinder Size	Volume (ft <sup>3</sup> )	PSIG	CGA	Catalog Code	Regulator Recommended
50% LEL (0.9% by volume)	17L	0.6	240	600	DSP P101150LA	400 series, 4903-600, 6600, or 8600
	34L	1.2	500	600	DSP H101150LA	400 series, 4903-600, 6600, or 8600
	103L	3.6	1000	C10	DSP J101150LA	500 series, 4903, 6C10
LEL = 1.8%	221L	7.5	260	165	DSP M101150LA	6165, 701
	550L	19.5	2200	590	DSP E101150LA	8000 series, 900-30 or HP Series
<b>Notes</b>	1. Other concentrations available upon request. 2. Certificate of Analysis available upon request for a nominal fee.					
<b>Certification Period</b>	36 months					
<b>Shipping Information</b>	D.O.T. Proper Shipping Name: Compressed gas, n.o.s., (Air, Butane) I.D. Number: UN1956 Hazard Class: 2.2 Shipping Labels: Nonflammable Gas					



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## DISPOSABLE STEEL CYLINDERS

### N-BUTANE - 1011

N-BUTANE (%) BALANCE NITROGEN CERTIFIED GRADE $\pm 5\%$ ANALYTICAL ACCURACY						
Concentrations* Available	Cylinder Size	Volume (ft <sup>3</sup> )	PSIG	CGA	Catalog Code	Regulator Recommended
8%	17L	0.6	240	600	DSP P1011*VN	400 series, 4903-600, 6600, or 8600
	34L	1.2	500	600	DSP H1011*VN	400 series, 4903-600, 6600, or 8600
	103L	3.6	1000	C10	DSP J1011*VN	500 series, 4903, 6C10
	221L	7.5	260	165	DSP M1011*VN	6165, 701
	550L	19.5	2200	350	DSP E1011*VN	8000 series, 900-30 or HP Series
<b>Notes</b>	1. Concentration(s) listed are available stock items. Complete catalog number by replacing the * with concentration number. 2. Other concentrations available upon request. Create custom catalog number by replacing the * with your desired concentration. 3. Certificate of Analysis available upon request for a nominal fee.					
<b>Certification Period</b>	36 months					
<b>Shipping Information</b>	<b>&lt; 5.6%</b> D.O.T. Proper Shipping Name: Compressed gas, n.o.s., (Nitrogen, Butane) I.D. Number: UN1956 Hazard Class: 2.2 Shipping Labels: Nonflammable Gas			<b><math>\geq 5.6\%</math></b> Compressed gas, flammable, n.o.s., (Nitrogen, Butane) UN1954 2.1 Flammable Gas		

N-BUTANE (%) MULTI-COMPONENT BALANCE NITROGEN CERTIFIED GRADE $\pm 5\%$ ANALYTICAL ACCURACY						
Concentrations* Available	Cylinder Size	Volume (ft <sup>3</sup> )	PSIG	CGA	Catalog Code	Regulator Recommended
8% n-Butane 13% Carbon Dioxide Balance Nitrogen	17L	0.6	240	600	DSP P10118VM1	400 series, 4903-600, 6600, or 8600
	34L	1.2	500	600	DSP H10118VM1	400 series, 4903-600, 6600, or 8600
	103L	3.6	1000	C10	DSP J10118VM1	500 series, 4903, 6C10
	221L	7.5	260	165	DSP M10118VM1	6165, 701
	550L	19.5	2200	350	DSP E10118VM1	8000 series, 900-30 or HP Series
<b>Notes</b>	1. Other concentrations and Multi-Component mixtures available are available upon request. 2. Certificate of Analysis available upon request for a nominal fee.					
<b>Certification Period</b>	36 months					
<b>Shipping Information</b>	<b>&lt; 5.6%</b> D.O.T. Proper Shipping Name: Compressed gas, n.o.s., (Nitrogen, Butane) I.D. Number: UN1956 Hazard Class: 2.2 Shipping Labels: Nonflammable Gas			<b><math>\geq 5.6\%</math></b> Compressed gas, flammable, n.o.s., (Nitrogen, Butane) UN1954 2.1 Flammable Gas		