n-BUTANE

2 COMPONENT MIXTURES

N-BUTANE BALANCE AIR					
Concentration*	**Cylinder Size**	**Volume (ft³)**	**CGA**	**Mixture Grades Available**	**Equipment Recommended**
1 ppm – 9,500 ppm	DA	146	590	Primary Standard	400 Series regulator
	QA	84		Certified Standard	
LEL = 1.9%	GA	32		Uncertified	
	K	200			
	Q	67			
	G	34			
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 BALANCE HELIUM					
Concentration	**Cylinder Size**	**Volume (ft³)**	**CGA**	**Mixture Grades Available**	**Equipment Recommended**
1 ppm – 50%	DA	146	350	Primary Standard	400 Series regulator
	QA	84		Certified Standard	
	GA	32		Uncertified	
	K	200			
	Q	67			
	G	34			
D.O.T. Proper Shipping Name:	Compressed gas, n.o.s., (Helium, Butane)				
I.D. Number:	UN1956				
Hazard Class:	2.2				
Shipping Labels:	Nonflammable Gas				

N-BUTANE BALANCE NITROGEN					
Concentration	**Cylinder Size**	**Volume (ft³)**	**CGA**	**Mixture Grades Available**	**Equipment Recommended**
1 ppm – 50%	DA	146	350	Primary Standard	400 Series regulator
	QA	84		Certified Standard	
	GA	32		Uncertified	
	K	200			
	Q	67			
	G	34			
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				

*Cylinder pressure and volume varies proportionately at higher concentrations.
A certification will be provided upon request for a nominal fee, except for uncertified mixtures.

TECHNICAL INFORMATION	
High Pressure Cylinder:	2000 psig @ 70º Fahrenheit

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2 COMPONENT MIXTURES

BUILD MIXTURE PART NUMBER:

To build your part number, select the code that corresponds to each section. Start with the Balance Gas, next enter the Minor Component followed by the Minor Component Concentration. Then select the Mixture Grade and finally the Cylinder Size. Add a dash "-" before the size code to complete the part number. Let's create a part number. For example, take a Primary Standard grade of 5 ppm N-BUTANE balance NITROGEN in a size DA cylinder. From the table below we can follow the tables to come up with NI NB5MP-DA.

Balance Gas (A B)		**Minor Comp Code** (C D E)		**Minor Component Concentration** ([E] F G H I)		**Mixture Grade** (J)		**Cylinder Size** (K L)
Balance Gas	**Code**	**Minor Gas**	**Code**	**Concentration**	**Code**	**Grade**	**Code**	**Code**
AIR HELIUM NITROGEN	AI HE NI	N-BUTANE	NB	5 PPM to 99 PPM 100 PPM to 999 PPM 1,000 PPM to 9,999 PPM 1% to 10%	5M – 99M 100 – 999 1000 – 9999 1 – 10	PRIMARY STANDARD CERTIFIED STANDARD UNCERTIFIED	P C U	DA QA GA K Q G
Example Only: **NI**		**NB**		**5M**		**P**		**DA**