

Air

Synonyms: Synthetic Air, Blended Air

MSDS Index: 10003

Product Specifications

	Alphagaz 1	CEM Zero	VOC Free	Vehicle Emission	Alphagaz HP
Oxygen	20-21%	20-21%	20-21%	20-21%	20-23%
Moisture	< 3 ppm	< 5 ppm	< 2 ppm	< 2 ppm	< 5 ppm
Total Hydrocarbons	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm	< 2 ppm
Carbon Dioxide	< 1 ppm*	< 1 ppm*	< 1 ppm*	< 1 ppm*	
Carbon Monoxide	< 1 ppm*	< 0.5 ppm*	< 0.1 ppm*	< 1 ppm*	
Nitric Oxide				< 0.1 ppm*	
Sulfur Dioxide				< 0.1 ppm*	

*Denotes Typical Property

Packaging Information

	Product	Cylinder	Contents	Pressure	Shipping Weight
Grade	Code	Size	SCF (m ³)	PSIG (kPa)	lbs. (kg)
Alphagaz 1	365A-49+	49	310 (8.8)	2640 (18203)	166 (75.5)
	365A-44	44	238 (6.7)	2265 (15617)	150 (68.2)
	365A-44/6	44	1428 (40.5)	2265 (15617)	1030 (467)
	365A-49/16	49	4960 (140.8)	2640 (18203)	2916 (1322)
	365A-16	16	78 (2.2)	2000 (13790)	71 (32.3)
CEM Zero	368-49	49	283 (8.0)	2400 (16548)	166 (75.5)
	368-44	44	238 (6.7)	2265 (15617)	150 (68.2)
	368-30AL	30AL	144 (4.1)	2000 (13790)	80 (36.3)
VOC Free	372-30AL	30AL	144 (4.1)	2000 (13790)	80 (36.3)
Vehicle Emission Zero	368-49	49	283 (8.0)	2400 (16548)	166 (75.5)
	368-44	44	238 (6.7)	2265 (15617)	150 (68.2)
Alphagaz HP	362A-49+	49	310 (8.8)	2640 (18203)	166 (75.5)
	362A-44	44	238 (6.7)	2265 (15617)	150 (68.2)
	362A-LB	LB	2 (0.06)	1775 (12239)	3.5 (1.6)

Safety Information

Not for human consumption.

Application Notes

Alphagaz 1 Air replaces Ultra-Zero, Zero, and UHP grades used for FID Detectors.

CEM Zero, VOC Free, and Vehicle Emission Zero used for baseline calibration of emission monitors.

Recommended Equipment

CGA Valve 590

Pressure Regulator

Two-Stage Brass, Alphagaz 1000 Series

SS, Alphatech Reg DOT Label

Shipping Information

UN Number 1002

Hazard Class 2.2

DOT Name Air, Compressed

Nonflammable Gas

CAS Number Oxygen 7782-44-7

Nitrogen 7727-37-9