FOR EMERGENCY CALL **CHEMTREC** DAY OR NIGHT **1-800-424-9300** (USA and Canada)

PART #	***DESCRIPTION***
	AIR ZERO
17 liter cylinders	
P1002	Zero Air
34 liter cylinders	
H1002	Zero Air
103 liter cylinders	
J1002	Zero Air
221 liter cylinders	
M1002	Zero Air
550 liter cylinders	
E1002	Zero Air
	AMMONIA (NH3)
29 liter cylinders	
F100525PN	25 ppm / N2
F100550PA	50 ppm / Air
F100550PN	50 ppm / N2
58 liter cylinders	
Z100510PN	10 ppm / N2
Z100525PA	25 ppm / Air
Z100525PN	25 ppm / N2
Z100550PA	50 ppm / Air
Z100550PN	50 ppm / N2
Z1005100PA	100 ppm / Air
Z1005100PN	100 ppm / N2
Z1005150PN	150 ppm / N2
Z1005200PN	200 ppm / N2
Z1005250PN	250 ppm / N2
Z1005300PN	300 ppm / N2
76 liter cylinders	
X100550PN	50 ppm / N2
X1005100PN	100 ppm / N2
	BENZENE
58 liter cylinders	
Z11145PN	5 ppm / N2
Z11145PA	5 ppm / Air
Z111450PN	50 ppm / N2
Z111450PA	50 ppm / Air
	BTEX MIXTURES
76 liter cylinders	
XD111410PM2	10 ppm Benzene, Toluene Ethylbenzene, o-Xylene / N2
XD111420PM3	20 ppm Benzene, Toluene Ethylbenzene, o-Xylene / N2
	*******Other concentrations available upon request*******
	N-BUTANE
17 liter cylinders	
P10118VN	8% / N2
P101125LA	25% LEL / Air
P101150LA	50% LEL / Air
34 liter cylinders	
H101125LA	25% LEL / Air
H101150LA	50% LEL / Air
103 liter cylinders	
J101125LA	25% LEL / Air
J101150LA	50% LEL / Air

CARBON DIOXIDE (CO2)

17 liter cylinders

P1013500PN	500 ppm / N2
P1013700PN	700 ppm / N2
P1013800PN	800 ppm / N2
P10131000PN	1000 ppm/ N2
P10132000PN	2000 ppm / N2

34 liter cylinders

H1013700PN	700 ppm / N2
H10131000PN	1000 ppm / N2
H10135VN	5% by Volume / N2

103 liter cylinders

J1013100PN	100 ppm / N2
J1013200PN	200 ppm / N2
J101650PM3	1000 ppm / CO 50 ppm / Air
J10131000PN	1000 ppm / N2
J10132000PN	2000 ppm / N2
J10132.5VN	2.5% by Volume / N2
J10135VN	5% by Volume / N2
J101310PN	10% by Volume / N2

221 liter cylinders

M10131000PN	1000 ppm / N2
M10132000PN	2000 ppm / N2

CARBON MONOXIDE (CO)

17 liter cylinders

P101610PA	10 ppm / Air
P101620PA	20 ppm / Air
P101625PA	25 ppm / Air
P101635PA	35 ppm / Air
P101640PA	40 ppm / Air
P101650PA	50 ppm / Air
P101650PN	50 ppm / N2
P101660PA	60 ppm / Air
P1016100PA	100 ppm / Air
P1016100PN	100 ppm / N2
P1016200PA	200 ppm / Air
P1016200PN	200 ppm / N2
P1016250PA	250 ppm / Air
P1016300PA	300 ppm / Air
P1016400PA	400 ppm / Air

34 liter cylinders

H101610PA	10 ppm / Air
H101620PA	20 ppm / Air
H101625PA	25 ppm / Air
H101635PA	35 ppm / Air
H101640PA	40 ppm / Air
H101650PA	50 ppm / Air
H101650PN	50 ppm / N2
H101660PA	60 ppm / Air
H1016100PA	100 ppm / Air
H1016100PN	100 ppm / N2
H1016150PA	150 ppm / Air
H1016200PA	200 ppm / Air
H1016200PN	200 ppm / N2
H1016250PA	250 ppm / Air
H1016300PA	300 ppm / Air
H1016400PA	400 ppm / Air

103 liter cylinders

J101610PA	10 ppm / Air
J101620PA	20 ppm / Air
J101625PA	25 ppm / Air
J101635PA	35 ppm / Air
J101640PA	40 ppm / Air
J101650PA	50 ppm / Air
J101650PN	50 ppm / N2
J101660PA	60 ppm / Air
J101660PN	60 ppm / N2
J101675PA	75 ppm / Air

103 Liter cylinders **CARBON MONOXIDE (CO)**

J101680PA	80 ppm / Air
J101680PN	80 ppm / N2
J1016100PA	100 ppm / Air
J1016100PN	100 ppm / N2
J1016150PA	150 ppm / Air
J1016200PA	200 ppm / Air
J1016200PN	200 ppm / N2
J1016250PA	250 ppm / Air
J1016300PA	300 ppm / Air
J1016400PA	400 ppm / Air
J1016400PN	400 ppm / N2
J1016500PA	500 ppm / Air
J1016500PN	500 ppm / N2

J10161000PN 1000 ppm / N2

550 liter cylinders

E101620PA	20 ppm / Air
E101650PA	50 ppm / Air
E1016100PA	100 ppm / Air
E1016250PA	250 ppm / Air

CHLORINE (CL2)

29 liter cylinders

FB10172PN	2 ppm / N2
FB10175PN	5 ppm / N2
FB101710PN	10 ppm / N2

58 liter cylinders

ZB10172PN	2 ppm / N2
ZB10175PN	5 ppm / N2
ZB101710PN	10 ppm / N2

ETHYLENE

17 liter cylinder

P196212PA	12 ppm / Air
P196227PA	27 ppm / Air

ETHYLENE OXIDE (ETO)

58 liter cylinders

Z10405PN	5 ppm / N2
Z104010PN	10 ppm / N2
Z104050PN	50 ppm / N2

CFC'S/HCFC'S/HFC'S (REFRIGERANTS)

103 liter cylinders

R-11

J251710PN	10 ppm / N2
J251730PN	30 ppm / N2
J2517100PN	100 ppm / N2

R-12

J102810PN	10 ppm / N2
J102830PN	30 ppm / N2
J1028100PN	100 ppm / N2

R-22

J101810PN	10 ppm / N2
J101830PN	30 ppm / N2
J1018100PA	100 ppm / Air
J1018100PN	100 ppm / N2

R-123

JR12310PN	10 ppm / N2
JR12330PN	30 ppm / N2
JR123100PN	100 ppm / N2

R-134A

J315910PN	10 ppm / N2
J315930PN	30 ppm / N2
J3159100PN	100 ppm / N2
J3159100PA	100 ppm / Air

R-404A

J404A500PN	500 ppm / N2
J404A500PA	500 ppm / Air
J404A1000PA	1000 ppm / Air

R-410A

J410A500PN	500 ppm / N2
J4103000PPA	3000 ppm / Air
J410A5000PA	5000 ppm / Air

R-507A

J507A500PN	500 ppm / N2
J507A500PA	500 ppm / Air
J507A2000PA	2000 ppm / Air

17 Liter cylinders

HEXANE

P120820LA	20% LEL / Air
P120825LA	25% LEL / Air
P120830LA	30% LEL / Air
P120840LA	40% LEL / Air

34 liter cylinders

H120825PA	25 ppm / Air
H120850PA	50 ppm / Air
H120875PA	75 ppm / Air
H1208100PA	100 ppm / Air
H1208400PA	400 ppm / Air
H1208500PA	500 ppm / Air
H120810LA	10% LEL / Air
H120820LA	20% LEL / Air
H120825LA	25% LEL / Air
H120830LA	30% LEL / Air

103 liter cylinders

J120825PA	25 ppm / Air
J120850PA	50 ppm / Air
J1208100PA	100 ppm / Air
J1208500PA	500 ppm / Air
J120810LA	10% LEL / Air
J120820LA	20% LEL / Air
J120825LA	25% LEL / Air
J120830LA	30% LEL / Air

221 liter cylinders

M120840LA	40% LEL / Air

HYDROGEN (H2)

17 liter cylinders

P1049	100%
P10492000PA	2000 ppm / Air
P104920LA	20% LEL (0.8% by Volume) / Air
P104925LA	25% LEL (1.0% by Volume) / Air
P104940LA	40% LEL (1.6% by Volume) / Air
P104950LA	50% LEL (2.0% by Volume) / Air

34 liter cylinders

H1049	100%
H104920LA	20% LEL (0.8% by Volume) / Air
H104925LA	25% LEL (1.0% by Volume / Air
H104950LA	50% LEL (2.0% by Volume) / Air

103 liter cylinders

J104920LA	20% LEL (0.8% by Volume) / Air
J104925LA	25% LEL (1.0% by Volume) / Air
J104950LA	50% LEL (2.0% by Volume) / Air
J1049100PA	100 ppm / Air
J1049500PA	500 ppm / Air
J10491000PA	1000 ppm / Air

221 liter cylinders

M10492VN	50% LEL (2.0% by Volume) / N2

HYDROGEN CYANIDE (HCN)

58 liter cylinders

Z10515PN	5 ppm / N2
Z105110PN	10 ppm / N2
Z105120PN	20 ppm / N2

HYDROGEN SULFIDE (H2S)

29 liter cylinders

F105310PN	10 ppm / N2
F105310PA	10 ppm / Air
F105325PN	25 ppm / N2
F105325PA	25 ppm / Air
F105350PN	50 ppm / N2
F105350PA	50 ppm / Air
F105310PM12	10 ppm / Pentane Sim. 58% LEL (1.5% CH4) / CO 300 ppm / O2 15% / N2
F105310PM21	10 ppm / Methane 50% LEL / CO 300 ppm / O2 15% / N2
F105310PM24	10 ppm / Methane 50% LEL / CO 50 ppm / O2 20.9% / N2
F105320PM1	20 ppm / Pentane sim. 58% LEL (1.5% CH4) / 60 ppm CO/ 15% O2/ N2
F105325PM45	25 ppm / Methane 50% LEL / CO 50 ppm / Air
F105325PM48	25 ppm / Methane 50% LEL / CO 100 ppm / Air
F105325PM51	25 ppm / Methane 50% LEL / CO 50 ppm / O2 12% / N2
F105325PM55	25 ppm / Pentane 50% LEL / CO 50 ppm / O2 20.9% / N2
F105325PM57	25 ppm / Propane Sim.50% LEL (1.62% CH4) / CO 50 ppm / O2 19% / N2
F105325PM58	25 ppm / Pentane 25% LEL / CO 100 ppm / O2 19% / N2
F105325PM77	25 ppm / Prop. Sim. 50% LEL (1.62% CH4) / CO 50 ppm / O2 18% / N2
F105340PM3	40 ppm / Methane 50% LEL / CO 100 ppm / O2 15% / N2

******Other mixtures available upon request*******

58 liter cylinders	**HYDROGEN SULFIDE (H2S)**
Z10535PN	5 ppm / N2
Z10535PA	5 ppm / Air
Z105310PN	10 ppm / N2
Z105310PA	10 ppm / Air
Z105320PN	20 ppm / N2
Z105320PA	20 ppm / Air
Z105325PN	25 ppm / N2
Z105325PA	25 ppm / Air
Z105330PN	30 ppm / N2
Z105335PN	35 ppm / N2
Z105340PN	40 ppm / N2
Z105340PA	40 ppm / Air
Z105350PN	50 ppm / N2
Z105350PA	50 ppm / Air
Z105360PN	60 ppm/ N2
Z105390PN	90 ppm / N2
Z1053100PN	100 ppm / N2
Z1053100PA	100 ppm / Air
Z105310PM4	10 ppm / Pentane Sim. 58% LEL (1.5% CH4) / CO 60 ppm / O2 15% / N2
Z105310PM10	10 ppm / Pentane 10% LEL / CO 35 ppm / O2 18% / N2
Z105310PM12	10 ppm / Pent.Sim. 58% LEL (1.5% CH4) / CO 300 ppm / O2 15% / N2
Z105310PM17	10 ppm / Methane 10% LEL / CO 35 ppm / O2 18% / N2
Z105325PM35	25 ppm / Pentane 25% LEL / O2 19% / N2
Z105325PM37	25 ppm / Methane 50% LEL / O2 19% / N2
Z105325PM38	25 ppm / Methane 50% LEL / Air
Z105325PM42	25 ppm / Propane 50% LEL / CO 50 ppm / Air
Z105325PM43	25 ppm / Propane 50% LEL / CO 50 ppm / O2 19% / N2
Z105325PM44	25 ppm / Methane 50% LEL / CO 50 ppm / O2 19% / N2
Z105325PM45	25 ppm / Methane 50% LEL / CO 50 ppm / Air
Z105325PM46	25 ppm / Pentane 50% LEL / CO 50 ppm / O2 19% / N2
Z105325PM48	25 ppm / Methane 50% LEL / CO 100 ppm / Air
Z105325PM50	25 ppm / Pentane 25% LEL / CO 50 ppm / O2 19% / N2
Z105325PM51	25 ppm / Methane 50% LEL / CO 50 ppm / O2 12% / N2
Z105325PM55	25 ppm / Pentane 50% LEL / CO 50 ppm / Air
Z105325PM56	25 ppm / Pentane 50% LEL / O2 16% / N2
Z105325PM57	25 ppm / Prop.Sim. 50% LEL (1.62% CH4) / CO 50 ppm / O2 19% / N2
Z105325PM58	25 ppm / Pentane 25% LEL / CO 100 ppm / O2 19% / N2
Z105325PM59	25 ppm / Methane 50% LEL / CO 100 ppm / O2 18% / N2
Z105325PM60	25 ppm / Prop.Sim. 50% LEL (1.62% CH4) / CO 50 ppm / Air
Z105325PM64	25 ppm / Methane 50% LEL / CO 200 ppm / O2 20.9% / N2
Z105325PM65	25 ppm / Methane 30% LEL (1.5%) / CO 95 ppm / O2 18% / N2
Z105325PM66	25 ppm / Propane 50% LEL (1.05%) / CO 50 PPM / O2 18% / N2
Z105325PM67	25 ppm / Pentane 50% LEL / CO 100 ppm / Air
Z105325PM68	25 ppm / Methane 50% LEL (2.5%) / CO 100 PPM / O2 13% / N2
Z105325PM69	25 ppm / Methane 50% LEL (2.5%) / CO 50 PPM / O2 17% / N2
Z105325PM77	25 ppm / Prop. Sim. 50% LEL (1.62% CH4) / CO 50 ppm / O2 18% / N2
Z105325PM78	25 ppm / CH4 50% LEL / CO 100 ppm / O2 19% / N2
Z105325PM81	25 ppm / Pentane 25% LEL / CO 200 ppm / O2 19% / N2
Z105325PM82	25 ppm / Methane 50% LEL / CO 50 ppm / O2 18% / N2
Z105325PM83	25 ppm / n-Pentane 25% LEL / O2 19% / N2

11 liter aerosol	**BUMP GAS**
A1053BG1	Bump Gas (H2S / CO / Methane (LEL) / O2) 11 liter aerosol
A1053BG2	Bump Gas (H2S / CO / Pentane (LEL) / O2) 11 liter aerosol
A1053BG3	Bump Gas (H2S / CO / Propane (LEL) / O2) 11 liter aerosol

76 liter cylinders	
X105325PN	25 ppm / N2
X105325PA	25 ppm / Air
X105350PN	50 ppm / N2
X105350PA	50 ppm / Air
X105325PM50	25 ppm / Pentane 25% LEL / CO 50 ppm / O2 19% / N2
X105325PM51	25 ppm / Methane 50% LEL / CO 50 ppm / O2 12% / N2

Other mixtures available upon request

ISOBUTYLENE

17 liter cylinders	
P105510PA	10 ppm / Air
P105525PA	25 ppm / Air
P105550PA	50 ppm / Air
P105575PA	75 ppm / Air
P1055100PA	100 ppm / Air
P1055500PA	500 ppm / Air
P10551000PA	1000 ppm / Air
34 liter cylinders	
H105510PA	10 ppm / Air
H105520PA	20 ppm / Air
H105550PA	50 ppm / Air
H105575PA	75 ppm / Air
H1055100PA	100 ppm / Air
103 liter cylinders	
J105510PA	10 ppm / Air
J105520PA	20 ppm / Air
J105525PA	25 ppm / Air
J105550PA	50 ppm / Air
J105575PA	75 ppm / Air
J1055100PA	100 ppm / Air
221 liter cylinders	
M1055100PA	100 ppm / Air
550 liter cylinders	

E1055100PA 100 ppm / Air

METHANE (CH4)

17 liter cylinders

P1971	99%
P197110PA	10 ppm / Air
P197150PA	50 ppm / Air
P197175PA	75ppm / Air
P197195PA	95 ppm / Air
P1971100PA	100 ppm / Air
P197115VM1	15% by Volume / CO2 15% by Volume / N2
P197120VN	20% by volume / N2
P197150VN	50% by Volume / N2
P197150VM2	50% by Volume / CO2 35% by Volume / N2
P197110LA	10% LEL (0.5% by Volume) / Air
P197120LA	20% LEL (1.0% by Volume) / Air
P197140LA	40% LEL (2.0% by Volume) / Air
P197150LA	50% LEL (2.5% by Volume) / Air
P197160LA	60% LEL (3.0% by Volume) / Air
P197110LM2	10% LEL / CO 35 ppm / O2 18% / N2
P197129LM3	29% LEL / O2 15% / N2
P197150LM1	50% LEL / CO 50 ppm / Air
P197150LM16	50% LEL / CO 200 ppm / O2 20% / N2

34 liter cylinders

H1971	99%
H197120LA	20% LEL (1.0% by Volume) / Air
H19711.62VM4	Prop. Sim. 50% LEL (1.62% CH4) / CO 50 ppm / Air
H197150LA	50% LEL (2.5% by Volume) / Air
H197150LM1	50% LEL / CO 50 ppm / Air
H197150LM8	50% LEL / CO 200 ppm / O2 19.5% / N2
H197150LM16	50% LEL / CO 200 ppm / O2 20% / N2

103 liter cylinders

J197110PA	10 ppm / Air
J197150PA	50 ppm / Air
J197195PA	95 ppm / Air
J1971100PA	100 ppm / Air
J1971200PA	200 ppm / Air
J1971400PA	400 ppm / Air
J1971500PA	500 ppm / Air
J197110LA	10% LEL (0.5% by Volume) / Air
J197120LA	20% LEL (1.0% by Volume) / Air
J197125LA	25% LEL (1.25% by Volume) / Air
J197130LA	30% LEL (1.5% by Volume) / Air

103 liter cylinders **METHANE (CH4)**

J19711.62VM4	Prop. Sim. 50% LEL (1.62% CH4) / CO 50 ppm / Air
J19711.62VM1	Prop. Sim 50% LEL (1.62% CH4) / CO 50 ppm / O2 18% / N2
J197140LA	40% LEL (2.0% by Volume) / Air
J197150LA	50% LEL (2.5% by Volume) / Air
J19713VN	3% by Volume / N2
J197129LM2	29% LEL / CO 60 ppm / O2 15% / N2
J197129LM3	29% LEL / O2 15% / N2
J197150LM1	50% LEL / CO 50 ppm / Air
J197150LM2	50% LEL / CO 50 ppm / O2 19% / N2
J197150LM3	50% LEL / CO 50 ppm / O2 17% / N2
J197150LM4	50% LEL / CO 50 ppm / O2 12% / N2
J197150LM11	50% LEL / CO 100 ppm / O2 19% / N2
J197150LM32	50% LEL / CO 250 ppm / O2 17% / N2

221 liter cylinders

M1971100PA	100 ppm / Air
M197120LA	20% LEL (1.0% by Volume) / Air
M197140LA	40% LEL (2.0% by Volume) / Air
M197150LA	50% LEL (2.5% by Volume) / Air

550 liter cylinders

E197150LA	50% LEL (2.5% by Volume) / Air

Other mixtures available upon request

NITRIC OXIDE (NO)

29 liter cylinders

F16605PN	5 ppm / N2
F166010PN	10 ppm / N2

58 liter cylinders

Z16605PN	5 ppm / N2
Z166010PN	10 ppm / N2
Z166025PN	25 ppm / N2
Z166030PN	30 ppm / N2
Z166050PN	50 ppm / N2
Z166080PN	80 ppm / N2
Z1660100PN	100 ppm / N2
Z1660800PN	800 ppm / N2

76 liter cylinder

XD166010PN	10 ppm / N2
XD166025PN	25 ppm / N2
XD166050PN	50 ppm / N2

NITROGEN (N2)

17 liter cylinders

P1066	99.999%

34 liter cylinders

H1066	99.999%

103 liter cylinders

J1066	99.999%

221 liter cylinders

M1066	99.999%

550 liter cylinder

E1066	99.999%

NITROGEN DIOXIDE (NO2)

29 liter cylinders

F10675PA	5 ppm / Air
F10675PN	5 ppm / N2

58 liter cylinders

Z10675PA	5 ppm / Air
Z10675PN	5 ppm / N2
Z106710PA	10 ppm / Air
Z106710PN	10 ppm / N2
Z106725PA	25 ppm / Air
Z106725PN	25 ppm / N2
Z106730PA	30 ppm / Air
Z106730PN	30 ppm / N2
Z106750PA	50 ppm / Air
Z106750PN	50 ppm / N2

76 liter cylinders

XD10675PA	5 ppm / Air
XD10675PN	5 ppm / N2
XD106710PA	10 ppm / Air
XD106710PN	10 ppm / N2

NITROUS OXIDE (N2O)

17 liter cylinders

P107010PA	10 ppm / Air
P107025PA	25 ppm / Air
P1070500PA	500 ppm / Air

34 liter cylinders

H107010PA	10 ppm / Air
H107025PA	25 ppm / Air
H1070500PA	500 ppm / Air

103 liter cylinders

J107010PA	10 ppm / Air
J107025PA	25 ppm / Air
J1070500PA	500 ppm / Air

550 liter cylinders

E107010PA	10 ppm / Air
E107025PA	25 ppm / Air
E1070500PA	500 ppm / Air

OXYGEN (O2)

17 liter cylinders	
P1072.4VN	0.4% / N2
P10722VN	2.0% / N2
P10724VN	4.0% / N2
P10725VN	5.0% / N2
P10728VN	8.0% / N2
P107217VN	17.0% / N2
P107218VN	18.0% / N2
P107220.9VN	20.9% / N2
34 liter cylinders	
H1072.4VN	0.4% / N2
H10722VN	2.0% / N2
H10724VN	4.0% / N2
H10725VN	5.0% / N2
H10728VN	8.0% / N2
H107217VN	17.0% / N2
H107218VN	18.0% / N2
H107220.9VN	20.9% / N2
103 liter cylinders	
J1072.2VN	0.2% / N2
J1072.4VN	0.4% / N2
J1072.5VN	0.5% / N2
J10722VN	2.0% / N2
J10724VN	4.0% / N2
J10725VN	5.0% / N2
J10728VN	8.0% / N2
J107210VN	10.0% / N2
J107217VN	17.0% / N2
J107218VN	18.0% / N2
J107220.9VN	20.9% / N2
J107221VN	21.0% / N2
221 liter cylinders	
M10722VN	2% / N2
M10724VN	4% / N2
550 liter cylinders	
E1072.4VN	0.4% / N2
E10722VN	2% / N2

PENTANE

17 liter cylinders	
P126550LA	50% LEL / Air
P126550LM2	50% LEL / O2 15% / N2
34 liter cylinders	
H126510LA	10% LEL / Air
H126525LA	25% LEL / Air
H126525LM4	25% LEL / CO 100 ppm / O2 19% / N2
H126525LM7	25% LEL / O2 19% / N2
H126550LM2	50% LEL / O2 15% / N2
103 liter cylinders	
J126525LA	25% LEL / Air
J126525LM4	25% LEL / CO 100 ppm / O2 19% / N2
J126550LA	50% LEL / Air
J126550LM2	50% LEL / O2 15% / N2
550 liter cylinders	
E126525LM5	25% LEL / CO 50 ppm / O2 19% / N2

PHOSPHINE (PH3)

58 liter cylinders	
Z2199.5PN	0.5 ppm / N2
Z21991PN	1 ppm / N2
Z21995PN	5 ppm / N2

76 liter cylinders	**PHOSPHINE (PH3)**
X2199.5PN	0.5 ppm / N2
X21991PN	1 ppm / N2
X21995PN	5 ppm / N2

PROPANE

17 liter cylinders	
P1978	99%
P197830LA	30% LEL / Air (0.63% by Volume)
P197850LA	50% LEL / Air (1.05% by Volume)
34 liter cylinders	
H197820LA	20% LEL / Air (0.42% by Volume)
H197825LA	25% LEL / Air (0.525% by Volume)
H197830LA	30% LEL / Air (0.63% by Volume)
H197850LA	50% LEL / Air (1.05% by Volume)
103 liter cylinders	
J197820LA	20% LEL / Air (0.42% by Volume)
J197825LA	25% LEL / Air (0.525% by Volume)
J197830LA	30% LEL / Air (0.63% by Volume)
J197830LM1	30% LEL / CO 60 ppm / O2 15% / N2
J197850LA	50% LEL / Air (1.05% by Volume)

SULFUR DIOXIDE (SO2)

29 liter cylinders	
F107910PN	10 ppm / N2
F107910PA	10 ppm / Air
F107925PN	25 ppm / N2
F107925PA	25 ppm / Air
F107950PN	50 ppm / N2
58 liter cylinders	
Z10795PN	5 ppm / N2
Z10795PA	5 ppm / Air
Z10795PM4	5 ppm / Pentane 25% LEL / CO 50 ppm / O2 15% / N2
Z107910PN	10 ppm / N2
Z107910PA	10 ppm / Air
Z107910PM8	10 ppm / Propane 52% LEL / CO 50 ppm / Air
Z107920PN	20 ppm / N2
Z107925PA	25 ppm / Air
Z107925PN	25 ppm / N2
Z107925PM6	25 ppm / Pentane 25% LEL / CO 50 ppm / O2 19% / N2
Z107925PM1	25 ppm / Pentane 50% LEL / CO 200 ppm / O2 20 / N2
Z107935PN	35 ppm / N2
Z107950PN	50 ppm / N2
76 liter cylinders	
X10795PN	5 ppm / N2
X10795PA	5 ppm / Air
X107910PN	10 ppm / N2

TOLUENE

58 liter cylinders	
Z1294100PA	100 ppm / Air
Z1294400PA	400 ppm / Air

ACCESSORIES

REGULATORS FOR 17 / 34 LITER STEEL CYLINDERS

400	Dispensing Valve W/Tubing
411	Regulator 1.5 LPM (17 / 34 liter)
413	Regulator 0.25 LPM (17 / 34 liter)
414	Regulator 0.3 LPM (17 / 34 liter)
417	Regulator 0.5 LPM (17 / 34 liter)
418	Regulator 1.0 LPM (17 / 34 liter)

REGULATORS FOR 29 / 58 / 76 LITER ALUM. and 103 LITER STEEL C

510	Regulator 0.1 LPM (29/58/76/103 liter)
511	Regulator 1.5 LPM (29/58 /76/ 103 liter)
512	Regulator 2.5 LPM (29/58 /76/ 103 liter)
513	Regulator 0.25 LPM (29/58/76/103 liter)
514	Regulator 0.2 LPM (29/58 /76/ 103 liter)
515	Regulator 6.0 LPM (29/58/76/103 liter)
516	Regulator 0.3 LPM (29/58/76/103 liter)
517	Regulator 0.5 LPM (29/58/76/103 liter)
517ss	SS Regulator 0.5 LPM (29/58/76 liter)
517tr	Regulator 0.5 lpm trigger (29/58/76/103 liter)
518	Regulator 1.0 LPM (29/58/76/103 liter)
518ss	SS Regulator 1.0 LPM (29/58/76 liter)
Gauge	1000 PSI gauge for 500 series regulator
GaugeSS	1000 PSI S.S. gauge for 500 series regulator

REGULATORS w/MULTIPLE FLOW SETTINGS
OF: 0.2 - 0.3 - 0.5 - 1.0 - 1.5 - 2.5 - 5 - 6 liters per minute

For 17/29 /34/ 58 /76 & 103 LITER CYLINDERS and REFILLABLES

6165**	Regulator with CGA 165 inlet (221 liter cylinders)
6170**	Regulator with CGA 170 inlet
6330**	Regulator with CGA 330 inlet (Refillable cylinder)
6350**	Regulator with CGA 350 inlet (Refillable cylinder)
6580**	Regulator with CGA 580 inlet (Refillable cylinder)
6590**	Regulator with CGA 590 inlet (Refillable cylinder)
6600**	Regulator with CGA 600 (17/ 34 liter steel cylinders)
6660**	Regulator with CGA 660 (Refillable cylinder)
6C10**	Regulator for 29/58/76/103 liter aluminum cylinder (SS Gauge)

MINIATURE REGULATORS
For 22 / 48 & 221 liter cylinders

701	Regulator with 25 PSIG delivery pressure and CGA 165 inlet

MINIATURE REGULATORS
For 76 liter, 550 liter & high pressure 3A cylinders

900-30	Regulator w/3500 psig inlet pressure, 0-30 psig delievery range (various cga connections)

DEMAND FLOW REGULATORS

8C10	Single Stage Demand Flow Regulator for 29/58/76/103 liter cylinders
8C10DS	Dual Stage Demand Flow Regulator for 29/58/76/103 liter cylinders
8600	Single Stage Demand Flow Regulator for 17/34 steel liter cylinders
8180	Demand Flow Regulator with CGA 180
8330	Demand Flow Regulator with CGA 330
8350	Demand Flow Regulator with CGA 350
8580	Demand Flow Regulator with CGA 580305
8590	Demand Flow Regulator with CGA 590
8660	Demand Flow Regulator with CGA 660

EMPTY CASES

500A	Case to Hold 4 ea-17/34 liter steel cyl
500B	Case for 1 ea 58/103 Ltr. & 2 ea 17/34 Ltr. Cyl.
500C	Case to Hold 3 ea 58/103 Ltr. Cyl
500D	Case to Hold 2 ea 17/34 Ltr. Cyl
505	Case to Hold 2 ea 58/103 Ltr. Cyl

CYLINDER TRANSPORT BAG

CTB-100	Dual cylinder Transport Bag

SUPPLEMENTAL ACCESSORIES

TY2002	N/A	Tygon Tubing (Per ft.)
FEP-2	N/A	1/8" diameter tubing (for chlorine)
FEP-4	N/A	1/4" diameter tubing (for chlorine)
909D	N/A	DeLuxe Tedlar Span Bag 9x9 Double Valve
600DV	N/A	cylinder devalving tool CGA 600
C10DV	N/A	cylinder devalving tool CGA C10
STAND	N/A	stand for disposable cylinders

CYLINDER NOTES:

17, 34, 103, 221, & 550 LITER - STEEL DISPOSABLE CYLINDERS (nonreactive gases)
29, 58, & 76 LITER - ALUMINUM DISPOSABLE CYLINDERS (reactive gases)

CGA FITTINGS:
17, 34 LITER - CGA 600
103 LITER - CGA C-10
221 LITER - CGA 165; 550 LITER - VARIES WITH GAS
29, 58, & 76* LITER - CGA C-10 *(76 LITER OFFERED WITH CGA 170)

CYLINDER SPECS:

17 Liter Cylinder

Contents:	17 liters (0.6 cu. ft.)
Pressure:	240 PSIG
Outlet:	CGA 600
Weight:	1.1 lbs.
Dimensions:	3" x 10 3/4"
D.O.T. Specs:	39NRC
Regulator:	400 Series

58 Liter Steel Cylinder

Contents:	58 liters (2.0 cu. ft.)
Pressure:	1000 PSIG
Outlet:	C-10 (5/8" 18 UNF)
Weight:	1.5 lbs.
Dimensions:	3.25" x 8"
D.O.T. Specs:	39 NRC
Regulator:	500 Series 6000 Series 8000 Series

34 Liter Cylinder

Contents:	34 liters (1.2 cu. ft.)
Pressure:	500 PSIG
Outlet:	CGA 600
Weight:	1.4 lbs
Dimensions:	3" x 10 3/4"
D.O.T. Specs:	39 NRC
Regulator:	400 Series

103 Liter Cylinder

Contents:	103 liters (3.6 cu. ft.)
Pressure:	1000 PSIG
Outlet:	C-10 5/8"-18 UNF
Weight:	2.3 lbs.
Dimensions:	3 1/4" x 13 2/3"
D.O.T. Specs:	39 NRC
Regulator:	500 Series 6000 Series 8000 Series

221 Liter Cylinder

Contents:	221 liters (7.5 cu. ft.)
Pressure:	260 PSIG
Outlet:	CGA 165 (1/4" SAE flare 45°)
Weight:	6.3 lbs.
Dimensions:	9" x 16 1/2"
D.O.T. specs:	39 NRC
Regulator:	700 Series

550 Liter Cylinder

Contents:	550 liters (19.5 cu. ft.)
Pressure:	2200 PSIG
Outlet:	Varies with the gas
Weight	17.9 lbs
Dimensions:	4 1/6" x 20 1/2"
D.O.T. Specs:	E8990 NRC
Regulator:	6000 Series 900 Series HP Series

Bump Gas Cylinder

Used for Industrial Hygiene Bump Gas Mixtures

Contents:	11 liters (.4 cu. ft.)
Pressure:	140 PSIG
Outlet:	Trigger-style aerosol
Weight:	0.3 lbs
Dimensions:	2 7/8" x 12"
D.O.T. specs:	39 NRC

29 Liter

Contents:	29 liters (1.0 cu. ft.)
Pressure:	500 PSIG
Outlet:	C-10 5/8"-18 UNF
Weight:	.8 lbs.
Dimensions:	2 7/8" x 11 1/2"
D.O.T. Specs:	39 NRC
Regulator:	500 series 6000 series 8000 series

"3A" Cylinder (Refillable)

Contents:	104 liters (3.7 cu. ft.)
Pressure:	1800 PSIG
Outlet:	CGA 180
Weight:	2.2 lbs.
Dimensions:	3 1/4" x 12 1/4"
D.O.T. Specs:	3AL 1800
Regulator:	900 Series

58 Liter

Contents:	58 liters (2.0 cu. ft.)
Pressure:	500 PSIG
Outlet:	C-10 5/8"-18 UNF
Weight:	1.6 lbs.
Dimensions:	3 1/2" x 14 1/2"
D.O.T. Specs:	39 NRC
Regulator:	500 Series 6000 Series 8000 Series

Chlorine Cylinder (58 Liter)

Contents:	58 liters (2.0 cu. ft.)
Pressure:	500 PSIG
Outlet:	C-10 5/8" - 18 UNF
Weight:	1.6 lbs.
Dimensions:	3 1/2" x 14 1/2"
D.O.T. Specs:	39NRC
Regulator:	517SS (0.5 ltr./min.) 518SS (1.0 ltr./min.)

76 Liter

Contents:	76 liters (2.6 cu. ft.)
Pressure:	500 PSIG
Outlet:	CGA 170
Weight:	1.75 lbs.
Dimensions:	4" x 16 1/4"
D.O.T. Specs:	39 NRC
Regulator:	900 Series

76 Liter

Contents:	76 liters (2.6 cu. ft.)
Pressure:	500 PSIG
Outlet:	C-10 5/8"-18 UNF
Weight:	1.75 lbs.
Dimensions:	4" x 16 1/4"
D.O.T. Specs:	39 NRC
Regulator:	500 series 6000 series 8000 series