



PAMS / OZONE PRECURSOR MIXTURES *(continued)*

1998 PAMS / Ozone Precursor Mixture

(57 Minor Components)

Shipping Information

UN Number: UN 1956
 DOT Proper Shipping Name: Compressed Gas, nos, (List of Components)
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS
 TC Shipping Name: Compressed Gas, nos, (List of Components)
 TC Classification: 2.2
 TC Label: NON-FLAMMABLE GAS, NON-POISONOUS GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
1I	350	1,800	12,410	69	36
2I	350	1,800	12,410	48	22
3I	350	1,800	12,410	28	13
6I	180	1,775	12,238	5	2

List of Components

- Acetylene [74-86-2]
- Benzene [71-43-2]
- n-Butane [106-97-8]
- 1-Butene [106-98-9]
- cis-2-Butene [590-18-1]
- trans-2-Butene [624-64-6]
- Cyclohexane [110-82-7]
- Cyclopentane [287-92-3]
- Decane [124-18-5]
- 1,3-Diethylbenzene (m) [141-93-5]
- 1,4-Diethylbenzene (p) [105-05-5]
- 2,2-Dimethylbutane [75-83-2]
- 2,3-Dimethylbutane [79-29-8]
- 2,3-Dimethylpentane [565-59-3]
- 2,4-Dimethylpentane [108-08-7]
- n-Dodecane [112-40-3]
- Ethane [74-84-0]
- Ethylbenzene [100-41-4]
- Ethylene [74-85-1]
- 3-Ethyltoluene (m) [620-14-4]
- 2-Ethyltoluene (o) [611-14-3]
- 4-Ethyltoluene (p) [622-96-8]
- Heptane [142-82-5]
- Hexane [110-54-3]
- 1-Hexene [592-41-6]
- Isobutane [75-28-5]
- Isopentane [78-78-4]
- Isoprene [78-79-5]
- Isopropylbenzene [98-82-8]
- Methylcyclohexane [108-87-2]
- Methylcyclopentane [96-37-7]
- 2-Methylheptane [592-27-8]
- 3-Methylheptane [589-81-1]
- 2-Methylhexane [591-76-4]
- 3-Methylhexane [589-34-4]
- 2-Methylpentane [107-83-5]
- 3-Methylpentane [96-14-0]
- Nonane [111-84-2]
- Octane [111-65-9]
- n-Pentane [109-66-0]
- 1-Pentene [109-67-1]
- cis-2-Pentene [627-20-3]
- trans-2-Pentene [646-04-8]
- Propane [74-98-6]
- n-Propylbenzene [103-65-1]
- Propylene [115-07-1]
- Styrene [100-42-5]
- Toluene [108-88-3]
- 1,2,3-Trimethylbenzene [526-73-8]
- 1,2,4-Trimethylbenzene [95-63-6]
- 1,3,5-Trimethylbenzene [108-67-8]
- 2,2,4-Trimethylpentane [540-84-1]
- 2,3,4-Trimethylpentane [565-75-3]
- Undecane [1120-21-4]
- m-Xylene [108-38-3]
- o-Xylene [95-47-6]
- p-Xylene [106-42-3]
- Balance VOC Free Nitrogen

1 ppm Mix Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.
		US	Metric		
G2659061	1I	128 ft ³	3.64 m ³	For VOC < 1 ppm in 1I, 2I, 3I Cylinders ULTRA Line UHP Regulator	SEQ9303-350V2T
G2659062	2I	68 ft ³	2.40 m ³		
G2659063	3I	29 ft ³	0.82 m ³		
G2659064	6I	3.67 ft ³	104 L		
				For VOC < 1 ppm in 6I Cylinders Micro Regulator SS	SEQ3373-180-1T
				For VOC ≥ 1 ppm in 1I, 2I, 3I Cylinders Miniature Regulator SS	SEQ3571-350-2T
				For VOC ≥ 1 ppm in 6I Cylinders Miniature Regulator SS	SEQ3571-180-2T
				6I Cylinder Stand	700

Please refer to MATHESON Brochure BR-201 for more information.