



## Air Toxics Monitoring

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

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

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

⚠ WARNING: This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ WARNING: This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ WARNING: This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ WARNING: This product can expose you to chemicals including Isoprene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).