PAMS / OZONE PRECURSOR MIXTURES

MATHESON offers 1991 and 1998 Ozone Precursor standards. In addition, MATHESON manufactures custom subsets and HR VOC standards for state and city ground level ozone monitoring and control.

1991 PAMS / Ozone Precursor Mixture
(56 Minor Components)

Shipping Information

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

56 Minor Components

- Acetylene [74-86-2]
- Benzene [71-43-2]
- n-Butane [106-97-8]
- i-Butane [106-98-9]
- cis-2-Butene [580-18-1]
- trans-2-Butene [624-64-6]
- Cyclohexane [110-82-7]
- Cyclopentane [287-92-3]
- Cyclopentane [142-29-0]
- 2,2-Dimethylbutane [75-83-2]
- 2,3-Dimethylbutane [79-29-8]
- 2,3-Dimethylpentane [565-59-3]
- 2,4-Dimethylpentane [108-08-7]
- Ethene [74-84-0]
- Ethylbenzene [100-41-4]
- Ethylene [74-85-1]
- Heptane [142-82-5]
- Hexane [110-54-3]
- cis-2-Hexene [7688-21-3]

<table>
<thead>
<tr>
<th>Cylinder Specifications</th>
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<tbody>
<tr>
<td>Cylinder Size</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>21</td>
</tr>
<tr>
<td>31</td>
</tr>
<tr>
<td>61</td>
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1 ppm Mix

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Cylinder Size</th>
<th>Content US</th>
<th>Content Metric</th>
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<tbody>
<tr>
<td>G0815068</td>
<td>11</td>
<td>128 ft³</td>
<td>3.64 m³</td>
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<tr>
<td>G2658382</td>
<td>21</td>
<td>68 ft³</td>
<td>2.40 m³</td>
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<tr>
<td>G0815028</td>
<td>21</td>
<td>29 ft³</td>
<td>0.82 m³</td>
</tr>
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<td>G0815053</td>
<td>61</td>
<td>3.67 ft³</td>
<td>104 L</td>
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Equipment Recommendations

- For VOC < 1 ppm in 11, 21, 31 Cylinders
  - ULTRA Line UHP Regulator
  - SEQ9303-350V2T
- For VOC < 1 ppm in 61 Cylinders
  - Micro Regulator SS
  - SEQ3373-180-1T
- For VOC ≥ 1 ppm in 11, 21, 31 Cylinders
  - Miniature Regulator SS
  - SEQ3571-350-2T
- For VOC ≥ 1 ppm in 61 Cylinders
  - Miniature Regulator SS
  - SEQ3571-180-2T
- 61 Cylinder Stand
  - 700

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.

⚠️ 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.

⚠️ 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.

⚠️ 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.

⚠️ 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.