Chlorinated Hydrocarbon Subset Mixture for EPA Method TO-14A
(19 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

<table>
<thead>
<tr>
<th>Cylinder Size</th>
<th>Valve Outlet CGA No.</th>
<th>Pressure psig @ 70°F</th>
<th>Pressure kPa @ 21.1°C</th>
<th>Approximate Ship Weight lb</th>
<th>Approximate Ship Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1I</td>
<td>350</td>
<td>1,800</td>
<td>12,410</td>
<td>69</td>
<td>36</td>
</tr>
<tr>
<td>2I</td>
<td>350</td>
<td>1,800</td>
<td>12,410</td>
<td>48</td>
<td>22</td>
</tr>
<tr>
<td>6I</td>
<td>180</td>
<td>1,775</td>
<td>12,238</td>
<td>5</td>
<td>2</td>
</tr>
</tbody>
</table>

List of Components
- Carbon tetrachloride [56-23-5]
- Chloroform [67-66-3]
- 1,1-Dichloroethane [75-34-3]
- 1,2-Dichloroethane [107-06-2]
- 1,1-Dichloroethene [75-35-4]
- cis-1,2-Dichloroethene [156-59-2]
- 1,2-Dichloropropene [78-87-5]
- cis-1,3-Dichloropropene [10061-01-5]
- trans-1,3-Dichloropropene [10061-02-6]
- Ethyl Chloride [75-00-3]
- Hexachloro-1,3-butadiene [87-68-3]
- Methylene chloride [75-09-2]
- 1,1,2,2-Tetrachloroethane [79-34-5]
- Tetrachloroethene [127-18-4]
- 1,1,1-Trichloroethane [71-55-6]
- 1,1,2-Trichloroethane [79-00-5]
- Trichloroethene [79-01-6]
- Vinyl Chloride [75-01-4]
- Balance VOC Free Nitrogen

1 ppm Mix

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Cylinder Size</th>
<th>Content US ft³</th>
<th>Content Metric m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>G0818068</td>
<td>1I</td>
<td>128</td>
<td>3.64</td>
</tr>
<tr>
<td>G2658378</td>
<td>2I</td>
<td>68</td>
<td>2.40</td>
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<tr>
<td>G0818053</td>
<td>6I</td>
<td>3.67</td>
<td>104</td>
</tr>
</tbody>
</table>

Equipment Recommendations

For VOC < 1 ppm in 1I, 2I Cylinders
- ULTRA Line UHP Regulator
- Micro Regulator SS
- Miniature Regulator SS
- 6I Cylinder Stand

For VOC < 1 ppm in 6I Cylinders
- For VOC < 1 ppm in 6I Cylinders
- For VOC > 1 ppm in 6I Cylinders

For VOC > 1 ppm in 1I, 2I Cylinders
- Miniature Regulator SS
- 6I Cylinder Stand

For VOC > 1 ppm in 6I Cylinders
- Miniature Regulator SS

Single Stage SS Mini Regulator for VOC Mixtures at 1 ppm or higher in 6I cylinders. 6I has CGA 180 valve outlet

<table>
<thead>
<tr>
<th>Regulator Model</th>
<th>Outlet Gauge</th>
<th>Valve Outlet Fitting</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ 3571 180 2T</td>
<td>0–30 psi</td>
<td>1/8” male compression</td>
</tr>
<tr>
<td>SEQ 3571 180 1T</td>
<td>0–30 psi</td>
<td>1/16” male compression</td>
</tr>
<tr>
<td>SEQ 3572 180 2T</td>
<td>0–60 psi</td>
<td>1/8” male compression</td>
</tr>
<tr>
<td>SEQ 3572 180 1T</td>
<td>0–60 psi</td>
<td>1/16” male compression</td>
</tr>
</tbody>
</table>

Please refer to MATHESON Brochure BR-201 for more information.
Chlorinated Hydrocarbon Subset Mixture for
EPA Method TO-14A (continued)

⚠️ WARNING: This product can expose you to chemicals including Ethylene dichloride (1,2-Dichloroethane), 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 Tetrachloroethylene (Perchloroethylene), 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 Carbon Tetrachloride, 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 Chloroform, 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 Vinyl Chloride, 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 Dichloromethane (Methylene Chloride), 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 1,1-Dichloroethane, 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 Vinylidene Chloride (1,1-Dichloroethylene), 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 1,2-Dichloropropane, 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 Vinyl Trichloride (1,1,2-Trichloroethane), 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 Trichloroethylene, 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 1,1,2,2-Tetrachloroethane, 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 Hexachlorobutadiene, 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 Chloroethane (Ethyl Chloride), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.