

**Enviro-MAT-1998™****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		Approximate Ship Weight	
		psig @ 70°F	kPa @ 21.1°C	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
- Benzene
- n-Butane
- 1-Butene
- cis-2-Butene
- trans-2-Butene
- Cyclohexane
- Cyclopentane
- Decane
- m-Diethylbenzene
- p-Diethylbenzene
- 2,2-Dimethylbutane
- 2,3-Dimethylbutane
- 2,3-Dimethylpentane
- 2,4-Dimethylpentane
- n-Dodecane
- Ethane
- Ethylbenzene
- Ethylene
- m-Ethyltoluene
- o-Ethyltoluene
- p-Ethyltoluene
- Heptane
- Hexane
- 1-Hexene
- Isobutane
- Isopentane
- Isoprene
- Isopropylbenzene
- Methylcyclohexane
- Methylcyclopentane
- 2-Methylheptane
- 3-Methylheptane
- 2-Methylhexane
- 3-Methylhexane
- 2-Methylpentane
- 3-Methylpentane
- Nonane
- Octane
- n-Pentane
- 1-Pentene
- cis-2-Pentene
- trans-2-Pentene
- Propane
- n-Propylbenzene
- Propylene
- Styrene
- Toluene
- 1,2,3-Trimethylbenzene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- 2,2,4-Trimethylpentane
- 2,3,4-Trimethylpentane
- Undecane
- m-Xylene
- o-Xylene
- p-Xylene

## • Balance VOC Free Nitrogen

1 ppm Mix Product Code	500 ppb Mix Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
G2659061	G2659065	1I	130 ft <sup>3</sup>	3.68 m <sup>3</sup>	Low Dead Volume Regulator	3590-TO-350	315
G2659062	G2659066	2I	69 ft <sup>3</sup>	1.95 m <sup>3</sup>	Low Dead Volume Regulator	3590-TO-180	315
G2659063	G2659067	3I	26 ft <sup>3</sup>	0.74 m <sup>3</sup>	TOC Delivery Line	TBG-0503-XX*	
G2659064	G2659068	6I	3.64 ft <sup>3</sup>	103 L	Toxic Organic VOC Kit for 6I Cylinders	KIT-0473-XX	
Includes:							
Micro CALKIT™						CKIT-TUFF	183
Low Dead Volume Regulator						3590-TO-180	315
TOC Delivery Line						TBG-0503-XX*	

Please refer to Matheson Technical Bulletin TB-363 for more information

Note: In September 1998, the EPA revised the existing 1991 list of Ozone Precursor Target Compounds. For more information see Document EPA/600-R-98/161

\*Consult factory.