



# CD ClorDiSys

	Chlorine Dioxide Gas	Ethylene Oxide
Carcinogen Status	<b>Non</b> -carcinogenic	Carcinogen
Explosivity	<b>Non</b> -explosive	Explosive 
Antimicrobial Classification	Sterilant	Sterilant
Pre-Conditioning Requirements	Typically, <b>60 minutes or less</b>  No heat is necessary <b>65% relative humidity</b>	Typically, <b>12-72 hours</b>  Product and packaging must withstand <b>118°F</b> (47°C) <b>65% relative humidity</b>
Type of Cycle	<b>Vacuum</b> or <b>Ambient</b>	<b>Vacuum</b>
Necessary Cycle Parameters	Humidification Gas Concentration Total Dosage	Heat Moisture Gas Concentration Time
Aeration Requirements	Occurs <b>within</b> the chamber  <b>Minutes</b> in length 	Requires separate aeration rooms  Aeration in highly heated environments of 50-60°C lasts <b>8-12 hours</b>  Aeration in environments of 20°C last <b>7 days</b>
Residuals	<b>No harmful residuals</b>	Higher concentrations increase the risk for residuals