

**Table 2: Water Solubility of Selected Toxic Gases**

<b>GAS</b>	<b>WATER SOLUBILITY</b>	<b>PRINCIPAL SITE OF RESPIRATORY INJURY</b>
Ammonia	High	Primarily proximal airways, but entire respiratory tract may be affected
Chlorine	Intermediate	Upper and lower respiratory tract
Nitrogen dioxide	Low	Primarily terminal bronchioles and alveoli, but entire respiratory tract may be affected
Phosgene	Low	Alveoli
Sulfur dioxide	High	Proximal and distal airways, including alveoli and bronchioles