

## Effects of Hydrogen Sulfide H2S

PPM	EFFECT TIME
.00011-33	Typical background concentrations.
0.01-1.5	Odor threshold – rotten egg smell.
10	Permissible Exposure Level – 8 Hours.
20 -30	Possible fatigue, loss of appetite, headache, irritability, poor memory, dizziness. Intense odor. Above 30ppm odor is sweet or sickeningly sweet.
50 -100	Mild Irritation - eyes, throat – 1 Hour.
100	Coughing, eye irritation, loss of smell 2-15 minute. Altered breathing, drowsiness 15-30 minutes. Throat irritation 1 hour. Symptom severity increases. Hemorrhage & Death 48 hours.
100-150	Loss of smell (olfactory fatigue or paralysis).
200-300	Significant Irritation. Marked conjunctivitis & respiratory tract – 1 Hour. Pulmonary edema may occur from prolonged exposure 48 hours.
500 - 700	Staggering, unconsciousness in 5 minutes. Serious eye damage, 30 minutes. <b>Death 30-60 minutes.</b>
700-1000	Rapid unconsciousness, “knockdown” or immediate collapse 1 to 2 breaths. Breathing stops. <b>Death within minutes.</b>
<b>&gt;1000</b>	<b>Nearly instant Death.</b>



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