

## TOXICITY OF HYDROGEN SULFIDE

COMMON NAME	CHEMICAL FORMULA	SPECIFIC GRAVITY	THRESHOLD LIMIT 1	THRESHOLD LIMIT 2	LETHAL CONCEN
Hydrogen Sulfide	H <sub>2</sub> S	1.189	10 ppm 20 ppm	250 ppm/hr	600 ppm

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### Definitions:

#### Threshold Limit:

Concentration at which it is believed that all workers may be repeatedly exposed day after day without adverse effects.

#### Hazardous Limit:

Concentration that may cause death.

#### Lethal Concentration:

Concentration that will cause death with short-term exposure.

#### Threshold Limit 10 ppm:

American Conference of Government Industrial Hygienist

#### Threshold Limit 20 ppm:

ANSI acceptable ceiling concentration for eight (8) hours of exposure (based on 40 hour week) is 20 ppm. OSHA Rules and Regulations (CFR-Vol. 37, No. 202 Part II, 09-01-89).