Why is it dangerous?

- Can smell at low concentrations, lose sense of smell at high concentrations
- High concentrations (>700 ppm) will knock you unconscious with one breath, killing you within a few minutes
- Irritant at lower concentrations (>50 ppm) causing eye inflammation and respiratory issues
- Highly explosive (LEL is 4%, in comparison methane is 5%)
Key Largo H2S incident

• Utility worker descended into manhole to address settling issues of paved street, went unconscious shortly after entering
• Another utility worker went in to help him, also fell unconscious
• Manager noticed that they were in trouble, so he also descended the manhole to help and fell unconscious
• All 3 utility workers died

Safety procedures

• Wear a gas monitor when working in conditions that may potentially expose you to H2S
• Need to ventilate enclosed spaces & safely determine H2S concentration before entering anywhere that could potentially have H2S buildup
• If gas can’t be removed and is in high concentrations, use a self contained breathing apparatus