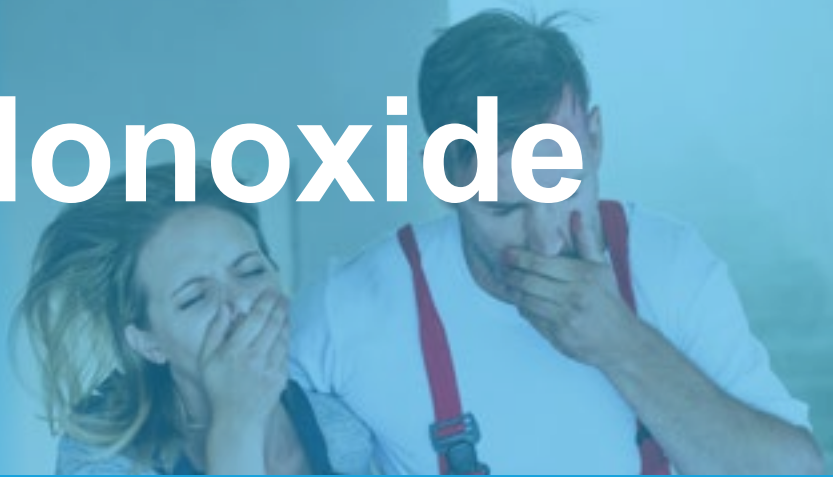


Carbon Monoxide

Formula: CO

CAS: 630-08-0



What is Carbon Monoxide (CO)?

Carbon monoxide (CO) is a colourless, odourless, and tasteless gas. It is produced by the incomplete combustion of carbon-containing fuels such as gasoline, natural gas, propane, coal, or wood. CO is highly toxic and can be fatal if inhaled in high concentrations. 200 ppm or greater will cause physical symptoms and is fatal in hours.

Health Effects of Carbon Monoxide:

CO binds to hemoglobin in the blood, reducing its ability to carry oxygen to body tissues and organs. Symptoms of CO poisoning include:

- headache
- dizziness
- nausea
- weakness
- chest pain
- unconsciousness
- death

Vulnerable populations such as infants, the elderly, and individuals with heart or respiratory conditions are particularly susceptible to CO poisoning.

Preventing Carbon Monoxide Exposure:

Install CO detectors on every level of your home and near sleeping areas. Test them regularly and replace batteries as needed.

Ensure proper ventilation of fuel-burning appliances and never use them in enclosed or poorly ventilated spaces.

Have heating systems, chimneys, and flues inspected and cleaned annually by qualified professionals.

Avoid using charcoal grills or portable camping stoves indoors.

Emergency Response to Carbon Monoxide Exposure:

If you suspect CO poisoning, immediately evacuate the affected area and move to fresh air. Seek medical attention promptly.

CO poisoning requires medical treatment, and high levels can be life-threatening.

Contact emergency services for assistance and inform them of the suspected CO exposure.

At Rockall Safety, you can choose from a variety of Carbon Monoxide gas detectors from top brands such as BW, Drager, Crowcon and MSA. We offer portable gas detection that you can rely on. For more information, click here: [Carbon Monoxide Detectors](#)

