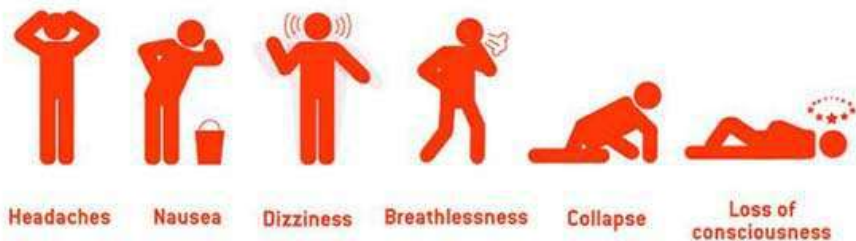


Health and Environmental Concerns of Petroleum Combustion

Carbon Monoxide Poisoning

- Burning any petroleum product in a combustion reaction produces carbon monoxide
- Faulty appliances produce even higher levels
- Poor ventilation can trap and concentrate carbon monoxide
- Binds to oxygen receptors 200x more readily than O_2 to produce sickness and even death.

Signs of carbon monoxide poisoning



Ocean Acidification

- CO_2 released by burning petroleum reacts with water produce an acid, which lowers ocean water pH.
- acid ocean water is currently eroding reef organisms and other calcium carbonate organisms at a rapid rate.

