



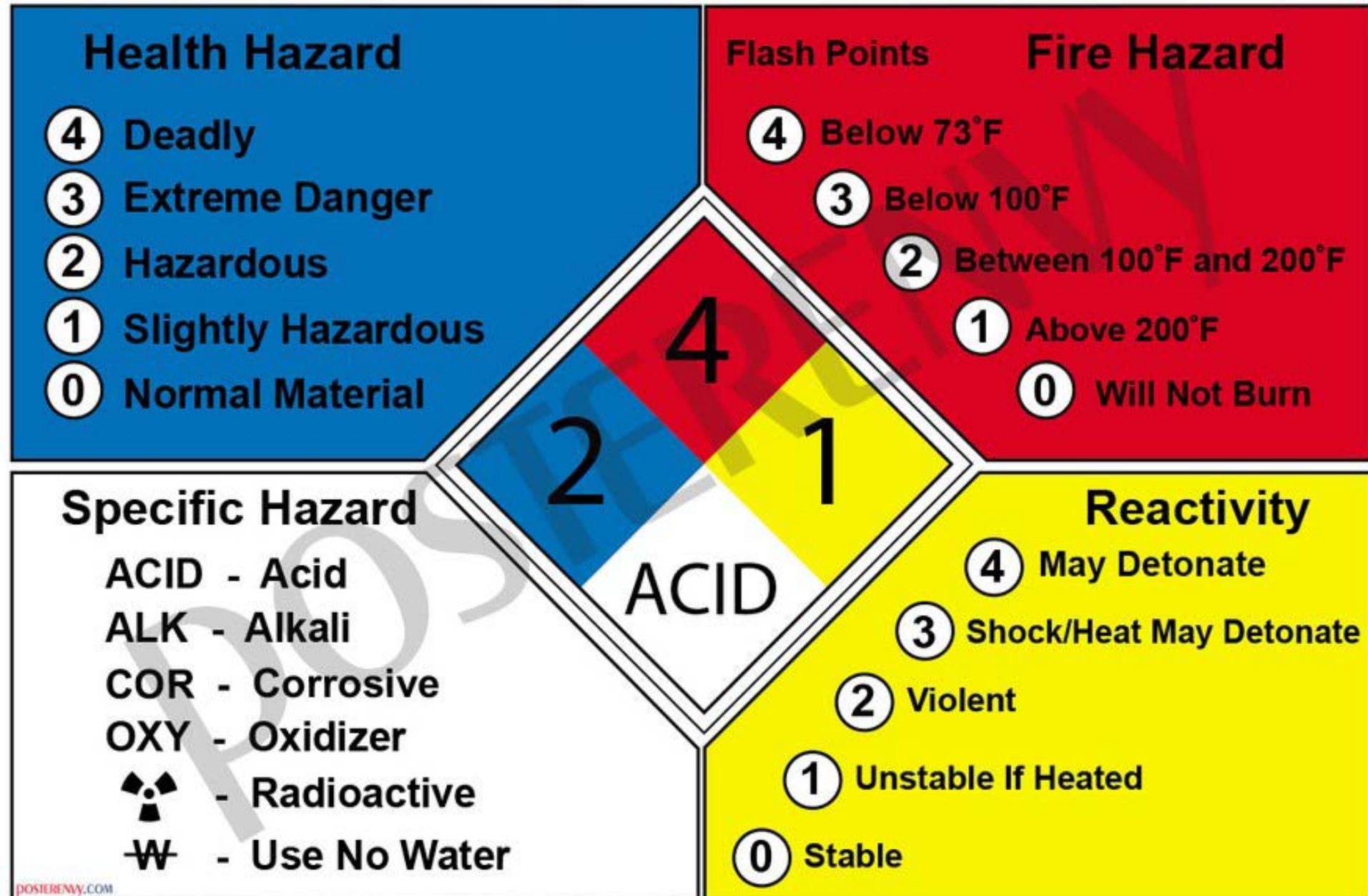
Understanding Chemical Hazard Symbols

CNPC Chuanqing Drilling Engineering Company Limited (CCDC)

Presented by
MD. TOWFIQ ELAHI
EHS ENGINEER



Fire Dimond





GHS Symbol



- This symbol implies that the product is flammable.
- This means that it catches fire easily and burns quickly.
- Keep products marked with this symbol away from heat, sparks, or open fires.

Risk



Can catch fire



The body may burn



Explosion may occur



GHS Symbol



- This implies that the product is an oxidizer.
- The oxidizer adds oxygen to the fire. This causes the fire to burn quickly and can start easily, sometimes without a spark or open fire.
- Oxidizers can be dangerous if they are used or stored near heat, sparks, or open fires.

Risk



Can catch fire



The fire will continue to grow over time



GHS Symbol



- This symbol is used for pressurized gases.
- It can cause a fire or an explosion.
- Pressurized gases released can be dangerous to breathe or cause your skin to freeze. It's called Frostbite!

Risk



Explosion may occur



GHS Symbol



- This symbol implies that the product is corrosive.
- Corrosive substances can damage metals and cause them to leak or break into containers.
- They are dangerous if they touch your skin or eyes.
- If you inhale or swallow corrosive substances, it can cause a burn in your nose, throat, or stomach.

Risk



The body may burn



The eyes may be
bruised



Wounds can occur in
the lungs

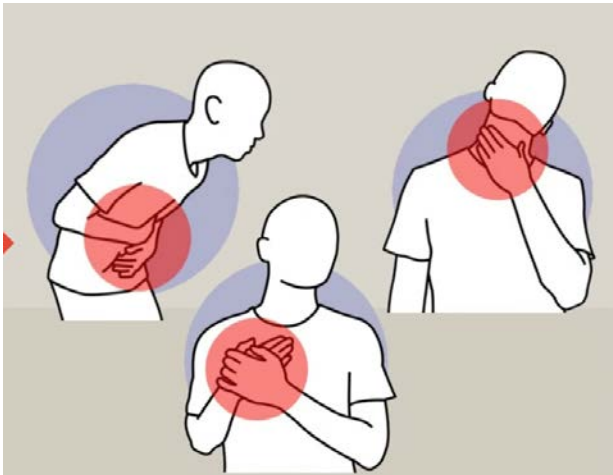


GHS Symbol



- The skull and bone symbol indicates that the product contains acute toxicity.
- This type of product can be extremely dangerous – even if used in small amounts or for a short period of time!
- If you swallow, inhale, or touch them, they can poison you or even kill you.

Risk



Eating, breathing, touching can lead to death



GHS Symbol



- Products with this symbol are harmful to health
- These can lead to serious health problems, which you may not understand right away.
- Such products can cause asthma, cancer, and damage to your organs and lungs. They can also occur as a result of small amounts of exposure over a long period of time.

Risk

Prolonged exposure to these chemicals can lead to cancer or serious diseases

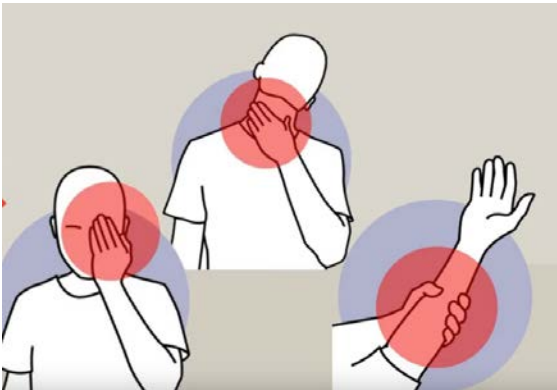


GHS Symbol



- The exclamation mark symbol is similar to the health risk symbol but is used for relatively less serious health effects.
- If you swallow, inhale, or touch such products, they can poison you. They can make your skin red or cause inflammation and can irritate your eyes or throat.
- Sometimes they can make you feel sleepy or dizzy.

Risks



- If you touch your hands, it can cause burns, rashes
- It can burn in the eyes



- Mild drowsiness or dizziness may occur



GHS Symbol



- The symbol of the exploded bomb indicates that the product is highly reactive or explosive.
- If it is not used and stored properly, it can catch fire or explode.
- Such products should only be used under special training and supervision.

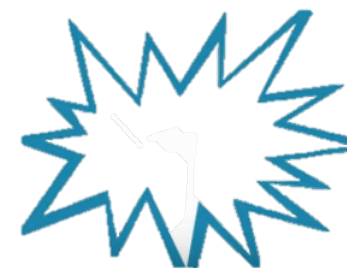
Risks



Can catch fire



The body may burn



Explosion may occur



GHS Symbol



- The environment symbol is used for products that can harm the environment.
- Products bearing this symbol should not be dumped in the drain, as they can cause harm to rivers and lakes.

Risks



It can kill fish.



Spoils water



Pollutes the environment