

What does that mean?

Commonly known as : **Right-to-Know label or Fire diamond**

- * #s go from 0 to 4
- * The higher the number, the more danger there is



Flammability

- 0 – Materials that will not burn. (water)
- 1 - Must be preheated before ignition can occur. (corn oil)
- 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur. (diesel)
- 3 - Liquids and solids that can be ignited under almost all ambient conditions. (gas)
- 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily. (propane)

Health

- 0 - Normal material
- 1 – Slightly hazardous (irritation, minor injury)
- 2 – Hazardous (intense/continued exposure)
- 3 – Extreme Danger (blind)
- 4 - Deadly

Reactivity / Instability

- 0 – Stable
- 1 – Unstable if heated
- 2 – Violent chemical change
- 3 – Shock & heat may detonate
- 4 – Readily capable of detonation or of explosive decomposition or reaction at normal temperatures and pressures.

Special Hazard

- OX** This denotes an oxidizer, a chemical which can greatly increase the rate of combustion/fire.
Example: ammonium nitrate (fertilizer used in Oklahoma City bomb)
- W** Unusual reactivity with water. (i.e. don't put water on it).