Control of Fire and Explosion Hazards Arising from the Use of Chemicals in Workplace

26th July 2017 (Wednesday)
Pearl International Hotel, Kuala Lumpur
Control of Fire

- Early Detection
  Smoke Detector

- Gas Detector

- Fire Alarm Panel

- Breakglass
Direct to Bomba

CMS System

Alarm Bell

Smoke Detector

Fire Control Panel
If Explosion

Dry Powder

Liquid Chemical Foam
Fire extinguisher
Material Safety Data Sheets (MSDS) and chemical labels provide important fire prevention information. Always review the MSDS before working with a chemical. It will tell you how easily the substance can catch fire.

Before you move, handle, or open a chemical container, read its label. Chemical labels often indicate a fire hazard by the colour red combined with a number. The number tells you the degree of the hazard:

- 4 Severe hazard
- 3 Serious hazard
- 2 Moderate hazard
- 1 Slight hazard
- 0 Minimum hazard
If a chemical is red labelled with a Flammable sticker, remember, it must be stored in a flammable chemical cabinet when not in use. Check your area today before you start work. Ensure all the flammable chemicals are in a cabinet. Also, make sure the cabinet is closed . . . an open cabinet doesn’t do anyone any good. Help prevent chemical fires . . . it’s up to us all.
Safe Chemical Use & Storage
Always read the label and the Material Safety Data Sheet to assess flammability and other fire hazards of a substance. When using and storing chemical materials, always do so in an area with adequate ventilation.
Maximum Building Security
To help prevent arson fires, always lock up as instructed, report suspicious persons or behaviour and never leave combustible garbage outside near your building..
At least 140 people were today charred to death and over 100 others injured after an oil tanker overturned and burst into flames as crowds rushed to collect petrol that spilled out to a highway in the Bahawalpur district of Pakistan's Punjab Province.
Thousands have been evacuated in the southern Chinese province of Fujian as a massive chemical oil fire reignited.

At least 800 firefighters and 170 fire engines are at a chemical plant in the city of Zhangzhou. Firemen are battling the third in a series of blazes that began on Monday, when an oil leak caught fire and spread to nearby tanks.

More than 14,000 residents in the surrounding area have been evacuated, reported state news agency Xinhua.

The plant produces the chemical paraxylene which is used for fibre and plastics.