

## **LPG (Liquefied Petroleum Gas) –First Aid and Emergency Response**

LPG is a flammable colourless gas, which is heavier than air by nature. Under prolonged exposure to heat the LPG containers may rupture violently.

### **FIRST AID:**

**Inhalation** : Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. Seek medical attention immediately.

**Skin contact** : For exposure to liquid, immediately warm frostbite area with warm water. In case of massive exposure, remove contaminated clothing while showering with warm water.

**Eye contact** : Immediately flush eyes thoroughly with warm water for at least 15 minutes. Remove contact lenses. Rinse with water. Take victim immediately to hospital. Hold the eyelids open and away from the eyeballs to ensure that all surfaces are flushed thoroughly. If eye irritation persists, seek medical attention.

**Suitable extinguishing media** : Water spray, Dry chemical, Foam, Carbon dioxide (CO<sub>2</sub>), Fire should not be extinguished unless flow of gas can be immediately stopped.

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### **EMERGENCY RESPONSE:**

Move people away and upwind from spill.

Shut off supply of gas if it is safe to do so. Eliminate sources of ignition e.g. power supply, matches, non-intrinsically safe communication equipment.

Ventilate area. Avoid breathing vapour and contact with liquid or vapour. Disperse vapour with water spray. Note: Vapour is heavier than air and will settle at the lowest point e.g. ditches, drains and water courses.