

Acetylene Gas – First Aid and Emergency Response

Acetylene is extremely flammable colourless gas, can be easily ignited by heat, spark or flame. It should not be stored along with oxygen and halogens.

FIRST AID:

INHALATION Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN CONTACT: In case of contact, immediately flush skin with plenty of water for at least 10 minutes while removing contaminated clothing and shoes. To avoid risk of static discharges and gas ignition, soak contaminated clothing thoroughly with water before removing it.

EMERGENCY RESPONSE:

In case of fire, use water spray (fog), foam or dry chemical. Apply water from a safe distance to cool container and protect surrounding area.

Keep unnecessary personnel away. Use suitable protective equipment. Shut off gas supply if this can be done safely. Isolate area until gas has dispersed.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.