

LIQUEFIED PETROLEUM GAS (LP Gas)

PROPANE, BUTANE, PROPYLENE, BUTYLENE

UN No	
LP Gas	1075
Propane	1978
Butane	1011
Propylene	1077
Butylene	1012
Hydrocarbon gas mixture, liquefied, N.O.S.	1965
HAZCHEM	2WE

Colourless gas, to which a distinctive odour is usually added; some may be without odour.
Stored under pressure in tanks and cylinders.
Vapour is denser than air.

HAZARDS

Highly flammable, vapour forms explosive mixture with air.
Inhalation may cause dizziness, drowsiness, and suffocation.
Liquid causes frostbite on contact with skin.



SAFETY INFORMATION

Storage and handling	<p>Store in a well-ventilated area, away from naked flames and sources of heat and ignition. No smoking or naked lights within specified area.</p> <p>Check that containers are clearly labelled.</p> <p>Protect containers from physical damage whether full or empty. Protect valves from damage.</p> <p>Store cylinders securely in an upright position, whether full or empty.</p> <p>Store away from incompatible materials, particularly oxidizing agents.</p> <p>Wear protective clothing and gloves when dispensing gas.</p> <p>Do not overfill containers.</p> <p>Close valves on empty containers. Check regularly for leaks.</p>
Spills and leaks	<p>Shut off engines, electrical equipment and all other sources of ignition.</p> <p>Evacuate personnel away from the area and the direction in which the gas is likely to move.</p> <p>Stop leak if safe to do so. If leak cannot be stopped, move container, if possible, to a safe unoccupied area outdoors and allow to empty, moving container so that gas escapes rather than liquid.</p> <p>Prevent spreading of vapours or liquid through drains, waterways, ventilation systems and confined areas.</p> <p>Disperse vapour cloud with water fog nozzle. Notify emergency services.</p>
First aid	<p>Inhaled: Remove victim to fresh air. Apply resuscitation if victim is not breathing.</p> <p>Eyes (liquid): Immediately hold eyes open and flush continuously with water for 15 minutes.</p> <p>Skin (frostbite): Thaw affected part with lukewarm water; immerse if possible.</p> <p>Burns: Immerse affected area in cool water for 10 to 15 minutes. Bandage lightly with sterile dressing. Treat for shock.</p> <p>In all cases, seek medical attention.</p>
Fire	<p>ALERT FIRE BRIGADE, TELLING THEM LOCATION, QUANTITY, AND WHETHER GAS IS IN BULK OR IN CYLINDERS.</p> <p>DO NOT EXTINGUISH BURNING GAS UNLESS LEAK CAN BE STOPPED.</p> <p>CUT OFF SOURCE OF GAS IF SAFE TO DO SO. IF NOT POSSIBLE, LEAVE GAS TO BURN, PROTECT EXPOSURES, COOL CONTAINERS.</p> <p>Cool container with water, directing spray onto upper surface of container.</p> <p>If safe to do so, move undamaged containers from fire area. Do not approach hot containers.</p> <p>ALWAYS stay away from tank ends. Alert supplier.</p> <p>Consider evacuating the area of persons not fighting the fire.</p>