



MEENA GAS

SAFETY INFORMATION SHEET

NAME(S) : LIQUEFIED PETROLEUM GAS,LPG

CHEMICAL FORMULA : Mixture of Propane / Butane

PHYSICAL PROPERTIES		OTHER CHARACTERISTICS
S.G	: 0.53-0.57(15 ⁰ C)	Colourless gas at room temperature. Commercial LPG usually contains trace quantities of an odorizing Agent (Mercaptan) which imparts a characteristic Pungent odour.LPG generally contains 20 to 40% C ₃ compounds and 60-80% C ₄ compounds with C ₂ And C ₅ compounds in traces. One volume of liquid LPG produces about 250 volumes of LPG vapor.
E.L	: 1.8-9.6% by vol.In air	
V.D	: 1.5 TO 2.0(AIR=1)	
I.T	: 405-450 ⁰ C	
TLV/MAC VALUE:		ppm : 1000 ACGIH (TWA)
		Mg/m ³ : 1800 ACGIH (TWA)
HAZARDS	PRECAUTIONS	EXTINGUISHING AGENTS
Extremely flammable gas Fire: Dangerous, when exposed to heat or flame Disaster: Highly dangerous can React with oxidizing materials	Keep away from heat and flame Keep away from oxidizing materials. Do not allow to leak out. Adequate ventilation	Carbondioxide, dry chemical Powder or water spray may be Used to confine and control LPG fire.
SYMPTOMS	PRECAUTIONS	FIRST AID
Inhalation: Exposure to high Concentration of LPG will produce unconsciousness and subsequent asphyxiation. Can also cause rapid respiration, mental dullness, poor judgment and nausea. Skin & Eye contact: If liquid Gases come into contact with Unprotected skin and eyes, they will evaporate quickly and the cooling effect could produce frost Bite or cold burns.	Do not allow gas to leak Use gas mask Use hand gloves Adequate ventilation	Remove victim to fresh air. Rescuers should take suitable Precaution to prevent their being exposed to contaminated atmosphere. If victim is not breathing, give assisted respiration, preferably by mouth to nose method. if unconscious but breathing, place in the unconscious (recovery) position. Give external cardiac massage if necessary. In the event of cold burns obtain medical advice. Cover the wounds with sterile Dressing only. Do not apply Ointment or powders.
ADDITIONAL INFORMATION:		