VALERO CORPUS CHRISTI REFINERY

24-HOUR EMERGENCY NUMBER: (361) 289-6000

Legend:
- Gas Transmission Pipelines
- HVL Pipelines
- Hazardous Liquid Pipelines

Sent on behalf of Valero Corpus Christi Refinery which operates 3" – 16" pipelines.

PRODUCT	LEAK TYPE	VAPORS	HEALTH HAZARDS
Gas (such as: Natural Gas or Hydrogen)	Gas	Lighter than air and will disperse vertically into the atmosphere. Vapors may travel to source of ignition and flash back. Some Natural Gas lines contain an odorant and will smell of rotten eggs if a leak has occurred. Other types of leaks may be colorless, tasteless and odorless.	Will be easily ignited by heat, sparks or flames and will form explosive mixtures with air. Vapors may cause dizziness or asphyxiation without warning and may be toxic if inhaled at high concentrations. Contact with gas may cause burns, severe injury and/or frostbite. Fire may produce irritating and/or toxic gases.
Highly Volatile Liquids (HVL) (such as: Butane, Propane, Benzene, Ethylene, Propylene, Resins, and Natural Gas Liquids [NGL])	Gas	Initially heavier than air, will spread along ground and may travel to source of ignition and flash back. Product is colorless, tasteless and odorless.	Will be easily ignited by heat, sparks or flames and will form explosive mixtures with air. Vapors may cause dizziness or asphyxiation without warning and may be toxic if inhaled at high concentrations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Fire may produce irritating and/or toxic gases.
Hazardous Liquids (such as: Crude Oil, Liquefied Petroleum Gases, and other Refined Petroleum Products)	Liquid	Initially heavier than air, will spread along ground and collect in low or confined areas. Vapors may travel to source of ignition and flash back. Explosion hazards indoors, outdoors or in sewers.	Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution.