



LyondellBasell Industries – Equistar Pipeline Operations  
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 Houston, TX 77062  
 Non-Emergency Phone(s): 281-709-0640  
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### Pipeline Marker(s)



**EMERGENCY NUMBER(S): 1-800-525-7516**

### About Equistar Chemicals, LP

Equistar Chemicals, LP operates and maintains approximately 1,400 miles of pipelines in Texas and Louisiana. Our pipelines move products such as ethylene, propylene, butadiene, benzene, pyrolysis gasoline and hydrogen. We also transport feedstocks such as condensates, natural gasoline, butane, propane, ethane, natural gas, butylenes and raffinates.

Equistar’s Pipeline Group also operates and maintains underground hydrocarbon storage facilities in Markham and Mont Belvieu, Texas. These storage facilities and the pipeline systems are controlled 24 hours a day from the company’s Clear Lake facility in Houston, Texas. Pipeline employees are stationed at the storage facilities and at various sites along the pipeline system.

### Products Transported and Counties Involved

Product	Description	Health and Fire Hazards	Counties Involved
Natural Gas	<b>Leak:</b> Gas <b>Vapor:</b> Lighter than air and will generally rise and dissipate. May gather in a confined space and travel to a source of ignition.	<b>Health:</b> 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.	Brazoria Calhoun Chambers Galveston Harris Jackson Matagorda Nueces Orange Refugio San Patricio Victoria
Condensate	<b>Leak:</b> Liquid <b>Vapor:</b> Heavier than air. Clear colorless liquid under pressure, hydrocarbon odor (rotten eggs). White cloud next to ground, noticeable gas stream blowing skyward, liquid collection on the ground and ice/frost collecting on the ground of leak site.	<b>Health:</b> May contain H <sub>2</sub> S, contains benzene and therefore is a cancer hazard, causes eye irritation and skin frostbite. Asphyxiant gas; high concentration can displace oxygen causing the feeling of suffocation.	

<p><b>Crude Oil</b></p>	<p><b>Leak:</b> Liquid  <b>Vapor:</b> Heavier than air  Can be flammable. Dark brown spots on the ground, dead vegetation or an oily sheen on top of the ground or floating on the surface of a body of water may indicate the presence of a leak in a crude oil pipeline system.</p>	<p><b>Health:</b> Irritation of the eyes and skin may occur with exposure. Vapors may cause central nervous system effects.  <b>Fire:</b> Crude oil is an extremely flammable liquid or vapor that is heavier than air. May accumulate in low areas, and may travel considerable distances to an ignition source.</p>	
<p><b>Highly Volatile Liquids (HVLs)-  Propane,  Butane,  Pentane,  Propylene,  Ethane</b></p>	<p><b>Leak:</b> Gas  <b>Vapor:</b> Initially heavier than air, spread along ground and may travel to source of ignition and flash back. Product is colorless, tasteless and odorless.</p>	<p><b>Health:</b> 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.</p>	
<p><b>Flammable Gases -  Acetylene,  Butadiene,  And  Ethylene</b></p>	<p><b>Leak:</b> Gas  <b>Vapor:</b> Vapors from liquefied gas are initially heavier than air and spread along ground. Vapors may travel to source of ignition and flash back.</p>	<p><b>Health:</b> 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.</p>	