



Indorama Ventures Oxides LLC

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ABOUT INDORAMA VENTURES OXIDES LLC

Indorama owns and operates gas and liquid pipelines in Southeast Texas. Indorama utilizes regular aerial and ground surveillance to ensure security and to identify potential problems along the pipeline system. Upon the notification of a pipeline incident or leak, Indorama will dispatch trained personnel to the site and work with emergency responders to handle the emergency. Indorama will take steps to isolate the problem and minimize the impact of the emergency to the public.

Indorama Ventures Oxides LLC is a leading chemical intermediates and surfactants producer with a diverse range of products in growth markets, including automotive, paints and coatings, construction, agriculture, health care, detergent, personal care and packaging. Originally known for pioneering innovations in packaging and, later, for rapid and integrated growth in petrochemicals, Indorama today has approximately 15,000 employees and operates from multiple locations worldwide.

PRODUCTS TRANSPORTED IN YOUR AREA

PRODUCT	LEAK TYPE	VAPORS
HIGHLY VOLATILE LIQUIDS [SUCH AS: BUTANE, PROPANE, ETHANE, PROPYLENE, AND NATURAL GAS LIQUIDS (NGL)]	Gas	Initially heavier than air, spread along ground and may travel to source of ignition and flash back. Product is colorless, tasteless and odorless.
HEALTH HAZARDS		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.
HYDROGEN	Gas	Lighter than air and rises rapidly, if gas is not burning, it may collect in the upper levels of structures creating an explosion hazard.
HEALTH HAZARDS		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.
REFINERY GAS	Gas	Lighter than air and will generally rise and dissipate. May gather in a confined space and travel to a source of ignition.
HEALTH HAZARDS		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.
METHANOL	Liquid	Initially heavier than air and spread along ground and collects in low or confined areas. Vapors may travel to source of ignition and flash back. Explosion and poison hazards indoors or in sewers.
HEALTH HAZARDS		Toxic. May be fatal if inhaled, ignited or absorbed through skin. Inhalation or contact will irritate or burn skin and eyes. Fire will produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution. Runoff to sewer may create fire or explosion hazard.
BUTADIENE	Gas or Liquid	Colorless, non-corrosive, flammable gas with a mild aromatic odor at standard ambient temperature and pressure. Liquefied butadiene is a colorless liquid with a mildly aromatic odor.
HEALTH HAZARDS		Acute exposure results in irritation of the mucous membranes. Higher levels can result in neurological effects such as blurred vision, fatigue, headache, decreased blood pressure and pulse rate, vertigo and unconsciousness. Exposure to the skin can lead to frostbite.

EMERGENCY CONTACT:

1-409-985-5351

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil 1267 128

TEXAS

COUNTIES OF OPERATION:

Jefferson

Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.

HOW TO GET ADDITIONAL INFORMATION

For information about Indorama, please visit www.indoramaventures.com.

