

# QUICK FACTS

## Chemical Characteristics:

### Propane

The product that is stored and distributed from this facility is odourized with Ethyl Mercaptan making the product smell like rotten eggs or boiling cabbage to aid in detection. The following properties of the substance are worth noting when related to the risks of release and are provided below.

### Potential Health Impacts

*Although is it unlikely that such an incident would occur, exposure to Chlorine Dioxide could potentially cause the following health impacts*

Route of Exposure		Description
Propane	Eye Contact	Contact with rapidly expanding or liquefied gas may cause irritation and/or frostbite. The pain after contact with liquid can quickly subside. Permanent eye damage or blindness could result.
	Skin Contact	Contact with rapidly expanding or liquefied gas may cause irritation and/or frostbite. Symptoms of frostbite include change in skin color to white or grayish-yellow. The pain after contact with liquid can quickly subside.
	Inhalation	May displace oxygen and cause rapid suffocation. Central nervous system depression can occur if product is present in concentrations that will reduce the oxygen content of air below 18 % (vol). Symptoms may include headache, light-headedness, drowsiness, disorientation, vomiting and seizures. Unconsciousness and death may occur with severe oxygen deprivation. May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

## IN CASE OF EMERGENCY



**To avoid breathing the toxic substances**

Quickly and safely enter inside the closest building.



**To avoid the toxic substances entering inside a building**

Do not stay outside. Close and block openings for windows and doors. Stop all ventilation.



**For further instructions, listen to the radio**

Comply with the instructions from the authorities.



**To avoid exposure or exposing children**

Do not pick up your children at school.



**Call 911 only in case of emergency**

**Call 911 only if you have an emergency and need help.**

Do not call 911 to obtain information. The phone lines must be kept free for emergency services to freely communicate with those impacted.

# What to do?

## In the event of a major industrial incident involving a toxic release...

### How will the population be alerted?

In the event of an incident of this type, the population is at risk and will be notified immediately on local radio and television stations. Safety instructions will be broadcasted in the event of an accidental release.

If you are contacted by an automated phone alert system or, if you hear about an incident on the local radio or television:

Tune into local radio or TV Stations for details and stay tuned for updates.

### In case the alarm is sounded:

- Unless otherwise instructed, immediately enter the closest building.
- Shelter in Place: tightly close all doors and windows, turn off all ventilation, heating, air exchange and air conditioning systems.
- Retrieve your first aid kit and keep it handy.
- Block any air vents in the room using wet towels, plastic film or tape
- Do not pick up your children from school. Teachers will apply the same instructions for the safety of your children.
- The safety and security of people in public areas (malls, hospitals etc.) will be managed by the personnel of those areas with the assistance of police and fire.
- If you are in a vehicle, immediately drive out of the affected zone as fast as possible while respecting speed limits and other traffic signs. Close your car windows and turn the heat or air conditioning off.
- Tune into the local radio station and follow the instructions.
- Evacuation instructions will be broadcast if necessary.
- Free up the phone lines for emergency services as needed.
- Do not leave your house or building until you've received information that there is an all-clear or you are instructed by the authorities to do so.

## Gibson Energy's Prevention and Emergency Measures

The principal measure that have been implemented at the Site include:

- Risk management system to ensure all risks are managed and mitigated;
- Equipment maintenance procedures and programs;
- Comprehensive training programs that include start up, shut down, emergency and other operational procedures;
- Network of high-technology surveillance and control systems;
- 24-hour monitoring of the process by qualified operators;
- Policies requiring all equipment or process changes endure a multi disciplinary evaluation and authorization process;
- Mechanical integrity program that meets or exceeds industrial standards;
- Environment, health and safety training for all employees and contractors;
- Regular emergency drills conducted in conjunction with the local fire department;
- Emergency response team in place 24 hours a day;
- Comprehensive emergency response plan;
- Preventative incident -investigation procedures;
- Regular internal and external audits to ensure risk management.

# About Gibson Energy

Gibson Energy is a leading oil-focused infrastructure company headquartered in Calgary, Alberta. With nearly 12 million barrels of storage, and over 500 km of crude pipelines, we touch 1 in every 4 barrels produced in Western Canada. Utilizing this focused asset base, along with our dedicated and talented employees, we help create value for our customers while generating stable, long-term cash flow.

Ultimately, our strategically located facilities, combined with our best-in-class market connectivity and a long-term growth outlook, help us connect our customers to markets, our employees to exciting and rewarding careers and investors to long-term value.

*Gibsons facility attains excellent results by identifying hazards and implementing controls to eliminate injuries.*



## INFORMATION BROCHURE ON RISK MANAGEMENT OF MAJOR INDUSTRIAL INCIDENT



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### Why you are receiving this Pamphlet?

You are receiving this Emergency Information Pamphlet, as one of our valued neighbors, located close to our facility, and in accordance with The Canadian Environmental Protection Act, 1999 (CEPA 1999).

In order to ensure your safety, communication with you is critical. This pamphlet will provide you with information on what to do in the unlikely case of an emergency.

We are also required to request your emergency contact information. Please call or email our Manager of Other Terminals and Pipelines, Daryl Relland at 1-780-449-9394 or email him at [Daryl.relland@gibsonenergy.com](mailto:Daryl.relland@gibsonenergy.com) and provide your name and preferred contact number.

*Thank you*



*Remember to keep this Information Brochure handy!*