1-866-553-0111

гелег 3	HIGH IMPACT - Control of the situation has been lost and presents or has caused a hazard to public, personnel and / or the environment, on or off company property. Immediate multi-agency and provincial government involvement is required.
LEVEL 2	MODERATE IMPRCT - Public, personnel or the environment are at definite risk and external assistance is required to control the situation. Media coverage is possible and the incident has an effect outside the company boundaries. External and provincial agencies must be notified.
	LOW IMPACT - Public, personnel and environment are not at serious risk and on-site personnel can control the incident. The incident is usually confined to the company.
АLERT	We stress of the solution. There is no vit the marked with the progressive resolution of the solution. There is no risk to the sublic or environment as the incident is contained to the site.

LEVELS OF EMERGENCY

business in the immediate area.

Gibson obtains the confidential* information it may need to contact each an emergency

- 3 You are advised of methods of communication to be used in case of You are aware of the Reception Centre(s) and their locations 2
- You are aware of the Emergency Response Plan and understand how it functions.

preparations to ensure your safety. Gibson would like to ensure: Although the probability of an incident is low, Gibson is taking advance

WHY ARE YOU BEING CONTACTED?

m 002	m 4 871	m 002	m 002	m 002	m 021	Facility Storage EPZ
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Located within the M.D. of Provost No. 52, Gibson's Hardisty Terminal has Butane, LPG, Propane and Ethane storge tanks making it an Environment and Climate Change Canada (ECCC), CEPA registered facility. to ensure that you understand your role in the emergency response process.

As part of the public safety process, Gibson Energy has created this information pamphlet and an area specific emergency response plan (ERP). You are being contacted to make relatin that you are aware of their operations in the area and the provided to make undergrad vorus area and the provided to the provided and the provided and the provided to the provided and th

24 HOUR EMERGENCY NUMBER

1-866-553-0111

GIBSON

ENERGY

HARDISTY TERMINAL

GIBSON ENERGY CONTACTS

24 Hr[.]

Contact:

Contact:

780-888-8221

780-888-8267

780-888-8272

Contact: 780-888-8237

Notify Gibson personnel via the contact information found on the front of this pamphlet. If unable to contact Gipson personnel, call their 24-hour emergency number. You may also contact the AER (see front panel) and (£ DO NOT use any forms of ignition (lighters, fire places, wood stoves, etc.). 5) () ΟΛΕΚΛΙΕΜ

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and thermostat immediately. In the summer, turn off all air conditioning.

If you are indoors, close all doors and windows and turn down the furnace,

Avoid using the telephone, except for emergencies, so that you can be contacted by Gibson emergency response personnel.

Turn down furnace thermostats to the minimum setting, turn off air conditioners.

 Extinguish indoor wood burning fires, close flue dampers if possible. Tightly close windows and outside doors. If convenient, tape the gaps around the exterior door frames.

If you are advised to stay sheltered, do not leave your house or attempt to start any vehicles until a Gibson representative advises you that it is safe to do so. The following steps should be taken if "Shelter-In-Place" procedures have been implemented:

greater hazard they remain in their homes. Buildings provide a supply of the reducing the concentrations to which the occupants are exposed. Therefore sheltening may be concentrations to which the occupants are exposed. Therefore sheltening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuations for short unterlening may be considered as an alternative to evacuation of the short unterlening may be considered as an alternative to evacuation of the short unterlening may be considered as an alternative to evacuation of the short unterlening may be considered as an alternative to evacuation of the short unterlening may be considered as an alternative to evacuation of the short unterlening may be considered as an alternative to evacuation of the short unterlening may be considered as an alternative to evacuation of the short unterlening may be added as a short unterlening may be adde

In some cases, there may be concern that evacuation would expose people to

In the event the EPZ had to be evacuated, a reception centre would likely be set up at one of the locations identified on the front of this pamphlet.

At any level of emergency, roadblocks would be set up around the Emergency Planning Zone (EPZ) to keep traffic out of the hazard states. Residents in the immediate area would be contected, given an update of the situation and instructed on which precautions to take. Emergency Awareness Zone (EAZ) is instructed on the map for reference purposes only.

If you require voluntary evacuation assistance or if there is no answer to our telephone calls, Gibson will dispatch personnel to your residence or business to verify your location and inform you of the situation.

instructions to check in and register at a reception centre that is If you are directed to evacuate, follow the instructions that will also be provided with you away from the source and out of ham's way. You will also be provided with with the provided provided to the provided provided to the provided pr

of the public, an evacuation will be carried out under the direction of If environmental monitoring indicates that the release may impact members

report the odour. Immediate action will be taken by the AER to determine the source of the odour.

incidents, a special number may be provided, which should be called. If you are considering leaving the area, contact the licensee representative, if you are considering leaving the evacuation instructions. For major

telephone on-site and / or residents who have health or respiratory problems. include residents who may require transportation, residents who do not have a At any level of emergency, Gibson responders will contact downwind residents and residents with special needs considerations. Special needs

Immediately gather everyone indoors and stay there.

SHELTER-IN-PLACE PROCEDURE

EMERGENCY PROCEDURES

ΕΑΡΓΥ ΝΟΤΙΓΙΟΝ ΥΙΑΑΗ located in a secure and safe place.

authorized emergency personnel.

Heating ventilation and air conditioning (HVAC) systems
 Flans for heat recovery ventilators or energy recovery ventilators

Wait in an interior room upstairs for further instruction.

Leave all inside doors open.

ventilators.

Draws in outdoor air, such as: Gas fire places and stoves.

Clothes aryers

 Built in vacuum systems. Turn off appliances or equipment that either:
 Blow out or use indoor air, such as:
 Bathroom and kitchen exhaust fans

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POTENTIAL HEALTH IMPACTS

POTENTIAL HEALTH EFFECTS OF PROPANE

HAZARD

The gas does not affect the skin. Contact with liquified gas escaping from its high pressure cylinder may cause frostbite. Symptoms of mild frostbite include numbress, prickling, and itching in the affected area. Symptoms of more severe frostbite include a burning sensation and stiffness of the affected area. The skin may become waxy white or yellow. Blistering, tissue death and gangrene may also develop in severe cases. Skin

FIRST AID

Close-range contact with liquified propane gas may cause injury characteristic of a thermal burn with swelling, fluid accumulation and extreme redness. HAZARD

At high concentrations it can displace oxygen and cause asphyxiation. Inhalation of this product may cause respiratory tract infection and Central Nervous System depression, symptoms of which may include: weakness, dizziness, slurred speech, drowsiness, unconsciousness and in cases of Inhalation

severe exposure, coma and death. FIRST AID

mptoms are experienced, remove source of contamination or move victim to fresh air and obtain medical advice.

HAZARD Contact with liquified gas escaping its high pressure cylinder may cause freezing of the eye. Permanent eye damage of blindness could result

FIRST AID

Eye FIRST AD Briefly flush eyes with lukewarm, gently flowing water. DO NOT attempt to re-warm the affected area. DO NOT rub the area or apply direct heat. Loosely cover the area with a sterile dressing. DO NOT allow victim to drink alcohol or smoke. Quickly transport victim to emergency care facility.

ETHANE

- Properties of Ethane:
 - Ethane is a colourless, odorless gas.
 Ethane is a colourless, odorless gas.
 The vapours are heavier than air and may accumulate in low areas and / or spread along the ground away from the handling site.
 Under prolonged exposure to fire or heat the containers may rupture violently and rocket.
- Contact with liquefied gas escaping its high pressure cylinder may cause freezing of the eye. Permanent eye damage of blindness could result.
- FIRST AID
- Eye
- Briefly flush eyes with lukewarm, gently flowing water. DO NOT attempt to re-warm the affected area. DO NOT rub the area or apply direct heat. Loosely cover the area affected with a sterile dressing. DO NOT allow victim to drink alcohol or smoke. Quickly transport victim to emergency care facility.

POTENTIAL HEALTH IMPACTS antarions

In some cases, there may be concern that evacuation would expose people to greater hazard than if they means in in their homes. Buildings provide a supply of clean indoor air to dilute contaminated air that infiltates from outdoors, thus reducing the concentrations to which the occupants are exposed. Therefore sheltering may be considered as an alternative to evacuations for short durations.

• Turn down thermostat and shut off any air exchange fans to outside.

If it is necessary to evacuate, you will be contacted by telephone immediately. If the require voluntary evacuation assistance, have special needs considerations, your require voluntary evacuation assistance, have special needs considerations. The steps below should be followed if "Evacuation" procedures have been implemented in events on or there are no answer to our leteration and inform you or of the transportation, contraleration and inform you or of the transportation. Special needs considerations include to enside the vector of the reaction. Special needs considerations include reactions who may require that have health or respiratory problems, a timplemented should be followed if "Evacuation" procedures have been implemented:

Once the building is completely ventilated, return all equipment to normal settings and operation.

Verifiate your may opening all windows and doors, turning on fans, and turning up thermostats. During this time the air outside may be fresher and you may choose to leave your building while verifiating.

After the hazardous substance has passed through the area, you will receive an "all-clear" message from Gibson emergency response personnel. You may also receive, if required, instructions to:

• Even if you see people outside, do not leave until told to do so.

SHELTER-IN-PLACE PROCEDURE, CONT'D

PUBLIC PROTECTION MEASURES

POTENTIAL HEALTH IMPACTS

POTENTIAL HEALTH EFFECTS OF BUTANE

The gas does not affect the skin. Contact with liquefied gas escaping from its high pressure cylinder may cause frostbite. Symptoms of mild frostbite include numbness, prickling and itching in the affected area. Symptoms of more severe frostbite include a burning sensation and stiffness of the affected area. The skin may become waxy white or yellow. Blistering, tissue death and gangrene may also develop in severe cases.

Close-range contact with liquefied gas may cause injury characteristic of a thermal burn with swelling, fluid accumulation and extreme redness. Tissue

HACARD At high concentrations it can displace oxygen and cause asphyxiation. Inhalation of this product may cause respiratory tract irritation and Central Nervous System (CNS) depression, symptoms of which may include: weakness, dizziness, diurred speech, drowsiness, unconsciousness, and in cases of severe exposure, coma and death.

If symptoms are experienced, remove source of contamination or move victim to fresh air and obtain medical advice.

Butane in its natural state is colorless with a petroleum-like odo · Butane is easily ignited and it's vapors are heavier than air. Any leak can

Under prolonged exposure to fire or heat the containers may

death and gangrene may also develop.

• If you are unable to follow these instructions, please notify Gibson

Call Gibson if you are experiencing symptoms or smelling odours (so that they can coordinate a response).

• Gather all residents and bring any medicines required.

ΡΑΟCEDURE FOR EVACUATION

emergency response personnel.

• LPG is highly flammable. Under prolonged exposure to fire or heat the

LPG's are hydrocarbons removed (condensed) as a liquid from a

Colourless gas that is shipped, stored and consumed as a liquified gas under

In case of contact, immediately flush eyes with running water for at least 20 minutes.

If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Inhalation of vapours may cause headaches, disziness or asphyxiation without warning. FIRST AID

In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If inflation or other symptoms develop seek medical attention.

Liquid or vapour contact may cause slight irritation. May cause burns similar to trostbite.

Contact with the material may irritate or burn eyes.

 Wait for further instruction. Drive safely on the route provided, proceed directly to the reception centre and check in with the representative.

Lock all windows and doors.

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<u>OAAZAH</u>

coursiners may rupture violently and rocket.

Properties of LPG (Liquified Petroleum Gas):

hydrocarbon stream that is typically in a vapour phase.

FλG

Inhalation

Skin

bressure

Dd

:pərnəmərqa:

to drin facility.

CRUDE

BUTANE Properties of Butane:

Skin

Inhalation

be either liquid or vapor

rupture violently and rocket.

HAZARD

FIRST AID

HAZARD

FIRST AID

HAZARD

Properties of Crude Oil:

Crude Oil is dark brown or black liquid with a petroleum smell. It is a mixture of naturally occurring hydrocarbons that are refined into a multitude of products.

easily ignited by heat, sparks or flames. Crude Oil is

· Containers may explode when heated.

POTENTIAL HEALTH EFFECTS OF CRUDE OIL

HAZARD

Contact with the material may irritate or burn skin

FIRST AID Skin

In case of contact, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes. In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.

HAZARD

Inhalation may cause dizziness or nausea. Vapors may cause dizziness or FIRST AID

Inhalation

If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

HAZARD

Contact with the material may irritate or burn eves.

Eye FIRST AID

In case of contact, immediately flush eves with running water for at least 20 minutes

PROPANE

Properties of Propane:

Propane is naturally a gas. A leak of liquid propane may form a visible white Under extreme conditions, pools of super cooled liquid may briefly form

• Propane is most dangerous inside closed spaces due to the fact that it can explode with an ignition source and it is classified as a simple asphyxiate.

TENTIAL HEALTH EFFECTS OF ETHAI

HAZARD

Causes skin irritation such as redness, swelling, and itching. Contact with the liquid may cause frostbite. FIRST AID

Skin

FIRST AID Wash skin with soap and water or shower. Remove contaminated clothing. If irritation or other symptoms develop, seek medical attention.

May cause drowsiness or dizziness. Excessive inhalation may cause headache, confusion, loss of appetite and/or loss of consciousness. FIRST.AID Inhalation

Immediately remove from exposure and keep comfortable for breathing. Seek medical attention if you feel unwell.

HAZARD

May cause eye irritation such as redness, swelling, pain, tearing, and blurred or hazy vision. FIRST AID Rinse cautiously with water for at least 15 minutes. If irritation persists or other

Eye

symptoms develop, seek medical attention.

CONDENSATE

Properties of Condensate: • Condensate is a complex combination of hydrocarbons. • It is a colourless / straw coloured liquid at atmospheric pressure and

temperature. • The vapours are highly flammable and heavier than air.

POTENTIAL HEALTH EFFECTS OF CONDENSATE

HAZARD

Contact with the material may cause irritation.

Skin FIRST AID

FIRST AID Immediately flush skin with soap and water for at least 15 minutes. If irritation or adverse symptoms develop, seek medical attention.

HAZARD

Inhalation may cause dizziness or nausea. Vapors may cause dizziness or suffocation.

Inhalation

If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

HAZARD

Contact with the material may irritate or burn eyes. FIRST AID

Eye

In case of contact, immediately flush eyes with running water for at least 20 minutes.

GOVERNMENT CONTACTS

Alberta Energy Regulator (AER) 24 Hr: 800-222-6514 Environment & Climate Change Canada 24 Hr: 780-951-8907 M.D. of Provost No. 52 Admin: 780-753-2434 **Flagstaff County** Admin: 780-384-4100

This Information Pamphlet is Environment Canada Regulated.

RECEPTION CENTRES

Hardisty Community Hall 4807 49 Street, Hardisty, AB

Control Room Team Lead

Manager, Control and DRU Ken Martin

Sr. EH&S Advisor

Tvson Armitage

Manager, Terminal and Pipeline Kent Drager

Admin[.] 780-888-3623

R&R Inn Hardisty

4744 49 Street, Hardisty, AB

24 Hr: 780-888-0004



Please review and familiarize yourself with the information in this pamphlet.

