



Environmental Emergency (E2) Information

DOMTAR VALUES

Domtar's Windsor Mill has been part of the everyday life of people in the region for over 155 years. For us, the safety of our employees, our community and the protection of the environment are fundamental values.

Throughout history, we have improved our prevention processes and emergency response plans in order to reduce risks to people and the environment. We work diligently to prevent emergencies and prepare for any eventuality. Our facilities, equipment and management programs meet and exceed our obligations. In addition, several prevention, response and recovery measures have been put in place and are regularly tested and revised.

THE ENVIRONMENTAL EMERGENCY (E2) REGULATIONS

Under the new version of the Federal Environmental Emergency Regulations, we have updated our environmental emergency plan and inform the population of the potentially affected area of the risks, consequences and preventive actions in place. Note that this regulation focuses on environmental emergencies associated with various likelihood of releases of toxic or other hazardous substances listed in the regulation.

In Windsor, the mill uses a single listed substance that may affect people off-site. This is chlorine dioxide, which has been used for decades in the bleaching process of pulp used in papermaking.

RISKS ASSOCIATED WITH CHLORINE DIOXIDE (CLO₂)

Chlorine dioxide is a yellow to green liquid that dissolves in water and is commonly used as a liquid solution for a variety of disinfection purposes including in drinking water filtration plants. Dispersed in the ambient air, chlorine dioxide evaporates to a gas whose odor is reminiscent of bleach.

Health effects are based on the concentration and amount of chlorine dioxide to which a person is exposed. In the gas phase, small amounts of chlorine dioxide in the air can irritate the eyes, nose, throat, and lungs, causing tearing, shortness of breath, coughing, or wheezing. Once exposure is stopped, mild symptoms usually go away quickly. Breathing in high concentrations of chlorine dioxide can be hazardous to health, causing more serious effects on the eyes, throat and lungs, and in very high concentrations it can be fatal. On the other hand, it is important to understand that the health effects vary from person to person depending on different factors, such as the concentration in the air, the duration of the exposure, the distance from the mill, the age and state of health of the person.

A modeling exercise of a reasonable scenario was carried out by a specialized firm. Although unlikely, the modeling tells us that, under certain conditions, the airborne concentration of CLO₂ which it is predicted that the general population, including susceptible individuals, could have an impact on health (without being threatening to life) within 1.5 km (as the crow flies) from the generator which is located behind the Windsor mill.



PREVENTION

Chlorine dioxide is manufactured at the plant according to our operational needs. The CLO₂ generator has been manufactured to high security standards. The whole process is supervised by detailed procedures and technology. Our employees are trained to operate safely and respond to emergencies. The equipment is inspected by specialized firms and maintained rigorously.

In addition, protection measures are installed to protect the population and equipment in the event of failure with, among other things, monitoring and control systems with continuous monitoring. Gas detectors, automatic emergency shut-off valves, containment and chlorine dioxide neutralization systems are also in place in the event of a spill and allow rapid control of the leak and fumes.



PREPARATION

Domtar's Windsor Mill has a detailed and complete emergency response plan to respond to any environmental emergency. The mill's emergency response team is highly trained at all levels of emergency management and is ready to respond 24 hours a day, 7 days a week.

Our mill emergency response team annually performs specific drills related to chlorine dioxide. Also, our risks and our emergency response plans are communicated to the Windsor Region Fire Authority and government authorities with whom we closely work, particularly through large-scale simulation exercises.

INTERVENTION

Although all preventive measures in place, if a major chlorine dioxide leak occur, Domtar will closely work with the Windsor Region Fire Authority and public authorities to respond immediately and inform affected citizens.

Initial communication regarding any environmental emergency will come from Domtar. The methods used

to inform will depend on the scale of the event and may include, for example, notification in person, by telephone, by text or any other means available to ensure the speed and efficiency of communication with citizens targeted. Domtar will communicate the selected options to the citizens concerned.

WHAT YOU MUST DO

In the event of an emergency involving chlorine dioxide, the citizens concerned must:

- Go or stay inside, close all windows and doors as well as the ventilation system, air exchanger, air conditioning to prevent outside air from entering the house. If you are outside, quickly head inside (to your house or a neighbor) and stay inside until the situation has recovered, which will be communicated to you by emergency responders.
- At any time, if you experience any health-related discomfort during an emergency, call 9-1-1 for medical help.

RECOVERY

In the event of an incident, the recovery plan will also include close coordination between Domtar's emergency response team, local safety authorities and government agencies to minimize the impact on the community.

QUESTION

To report an abnormal situation involving Domtar, please contact the Safety guard house at 819-845-8303.

For non-emergency questions, please email us at WindsorEnvironnement@Domtar.com or call at 819-845-2771 ext 57040.

IN CLOSING

Domtar makes every effort to prevent major incidents and we will continue to improve our practices to ensure the protection of our employees and our community.

If you feel your health is affected during an emergency, dial 9-1-1 for medical assistance.

For non-emergency questions, please email us at WindsorEnvironnement@Domtar.com or call at 819-845-2771 ext 57040.