



**CHEMTRADE**

# Chemtrade Operations – Fort Saskatchewan Sulfide Site

## GOVERNMENT CONTACTS

AER– Emergency Response Line	24 Hr: 800-222-6514
City of Fort Saskatchewan	Admin: 780-998-4858
Strathcona County	Admin: 780-467-5216
Sturgeon County	Admin: 780-939-4321
Alberta Health Services—Z4 Edmonton	Office: 780-735-1800

This Information Pamphlet is AER Regulated.

**February 22, 2024**

## RECEPTION CENTRES

Dow Centennial Centre 8700—84 Street, Fort Saskatchewan, AB	Admin: 780-992-6400
Super 8 Hotel 8750—84 Street, Fort Saskatchewan, AB	24 Hr: 800-536-0519
Holiday Inn 2100 Premier Way, Sherwood Park, AB	24 Hr: 780-464-4900



**Responsible Care®**  
Our commitment to sustainability.

Chemtrade operates a diversified business providing industrial chemicals and services to customers in North America and around the world; they are the owner of an H<sub>2</sub>S producing pipeline at the Sulphide site, which is located within the City of Fort Saskatchewan. The Sulphide site produces and stores Carbon Disulphide and Liquid Hydrogen Sulphide.

The Emergency Planning Zone (EZP) is 2,280 m and extends into Strathcona and Sturgeon County.

### **Hydrogen Sulphide (H<sub>2</sub>S)**

- Flammable gas & toxic inhalation hazard
- Worst Case Scenario could be catastrophic failure of 65 MT railcar.
- Most credible scenario could be release of hydrogen sulfide from a leaking valve on a railcar.

### **Carbon Disulphide (CS<sub>2</sub>)**

- Volatile organic solvent with a low flash point.
- Worst case scenario would be loss of the entire contents of an 81-tonne railcar of carbon disulfide.
- Most credible scenario for carbon disulfide is the release of carbon disulfide from a leaking transfer hose or a pump failure during transfer to a railcar or tanker truck.

As a Responsible Care® company, we have a commitment to the communities in which we reside to maintain safe and efficient operations and will continue to carry out our obligations in doing so as part of the Fort Saskatchewan community.

This includes updating our emergency response plans, conducting quality risk analysis, community outreach, and educating the public on the risks associated with H<sub>2</sub>S. We are currently making an amendment to our pipeline license as a correction to the record, this process requires us to do a public involvement participation (PIP) activity, this is an opportunity for any residents/new developments/businesses to raise concerns regarding the Sulphide pipeline and site operations.

### New Developments

- The Sulfide pipeline requires a 500 m setback as per AER regulations.
- Develop an emergency response plan that addresses chemical release scenarios.
  - Building Design - Consider Shelter in Place requirements.
  - Follow the MIACC Risk Criteria for land use.
- Participate in Chemtrade ground truthing exercises.

### Public Notifications

Pamphlets with chemical information & emergency procedures are circulated every 2 years, or if major changes are made. We encourage you to contact the Plant Manager with any questions/concerns.

### Emergency Drills

Table-top drills are conducted twice a year for chemical releases, and a full mobilization drill is done in conjunction with the City, applicable parties, and NRCAER every 3 years.