



U.S. Department of Transportation
Research and Special Programs Administration

Hazardous Materials Incident Report

Form Approval OMB No. 3137-0039

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filling out of this information is mandatory and will take 96 minutes to complete.

INSTRUCTIONS

Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DHM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Website at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

PART I - REPORT TYPE

1. Incident Id: X-2025011298
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
01/28/2025
4. Time of Incident (use 24-hour time):
18:55
5. Enter National Response Center Report Number (if applicable):
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
- City: Longview
County: Harrison County
State: TX
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
1010 Whaley St
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
- Name: Union Pacific Railroad
Street: 1400 Douglas Street
City: OMAHA
State: NE
Zip Code: 68179
Federal DOT Id Number:
Hazmat Registration Number: 060322550212EG
11. Shipper/Officer:
- Name: Henderson Overturn Branch
Street: 3146 FM 2276
City: HENDERSON
State: TX
Zip Code: 75652
Waybill/Shipping Paper: 979797
Hazmat Registration Number:
12. Origin (if different from shipper address)
- Street:
City:
State:
Zip Code:
13. Destination:
- Street: 8500 W Bay Rd
City: BAYTOWN
State: TX
Zip Code: 77523
14. Proper Shipping Name of Hazardous Material: HYDROCHLORIC ACID
15. Technical/Trade Name: HYDROCHLORIC ACID
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1789

- 18. Packing Group:** (if applicable) II
- 19. Quantity Released:** (Include Measurement Units) 1 Liquid - Gallon
- 20. Was the material shipped as a hazardous waste?** False
If yes, provide the EPA Manifest Number:
- 21. Is this a Toxic by Inhalation (TIH) material?** False
If yes, provide the Hazard Zone:
- 22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate?** False
If yes, provide the Exemption, Approval, or CA number:
- 23. Was this an undeclared hazardous materials shipment?** False

PART III - PACKAGING INFORMATION

24. Check Packaging Type (check only one - if more than one, list type of packaging, copy Part III, and complete for each type:

Tank Car

25. See instructions and enter the appropriate failure codes found at the end of the instructions. Be sure to enter the codes from the list that corresponds to the particular packaging type checked above. Enter the number of codes as appropriate to describe the incident.

Enter the most important failure point in line 1. If there are more than two failure points, provide in this format in part VI.

What Failed: - 133-Liquid Line; 133-Liquid Line

How Failed: - 308-Leaked; 308-Leaked

Causes of Failure: - Loose Closure, Component, or Device; Misaligned Material, Component, or Device

26a. Provide the packaging identification markings, if available.

Identification Markings: 111A100W5

(Examples: 1A1/Y1.4/150/92/USA/RB/93/RL, UN31H1/Y0493/USA/M9339/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT 51, DOT 3-A)

26b. For Non-bulk, IBC, or non-specification packaging, if identification markings are incomplete or unavailable, see instructions and complete the following:

Single Package or Outer Packaging:	Single Package or Inner Packaging (if any):
Packaging Type: Material of Construction: Head Type (Drums only):	Packaging Type: Material of Construction:
27. Describe the package capacity and the quantity:	
Package Capacity: Amount in Package: Number in Shipment: Number Failed:	Package Capacity: Amount in Package: Number in Shipment: Number Failed:
28. Provide packaging construction and test information, as appropriate:	
Manufacturer: TRIN Serial Number: RCRX1266 Material of Construction: (if Tank Car, CTMV, Portable Tank, or Cylinder) Design Pressure: (if Tank Car, CTMV, Portable Tank) Shell Thickness: (if Tank Car, CTMV, Portable Tank) Head Thickness: (if Tank Car, CTMV) Service Pressure: (if Cylinder) If valve or device failed: Type: Model: Manufacturer:	
29. If the packaging is for Radioactive Materials, complete the following:	
Packaging Category: Packaging Certification: Certification Number: Nuclide(s) Present: Activity: Critical Safety Index:	Manufacture Date: Last Test Date: Transport Index:

PART IV – CONSEQUENCES

30. Result of Incident (check all that apply):

- | | | | |
|---------------------------|-------|--|--|
| - Spillage: | | - Fire: | |
| - Explosion: | | - Material Entered Waterway/Storm Sewer: | |
| - Vapor (Gas) Dispersion: | True | - Environmental Damage: | |
| - No Release: | False | | |

31. Emergency Response: The following entities responded to the incident: (Check all that apply)

Fire/EMS Report #: _____
Police Report #: _____
In-house cleanup: _____
Other Cleanup: _____ True

32. Damages Was the total damage cost more than \$500?

True

If yes, enter the following information: (If no, go to question 33.)

Material Loss:	\$ 0.00
Carrier Damage:	\$ 0.00
Property Damage:	\$ 0.00
Response Cost:	\$ 5,000.00
Remediation/Cleanup Cost:	\$ 0.00

(See damage definitions in the instructions)

33a. Did the hazardous material cause or contribute to a human fatality?

False

If yes, enter the number of fatalities resulting from the hazardous material:

Employees: _____
Responders: _____
General Public: _____

33b. Were there human fatalities that did not result from the hazardous material?

False

If yes, how many?

34. Did the hazardous material cause or contribute to personal injury?

False

If yes, enter the number of injuries resulting from the hazardous material:

Hospitalized (Admitted Only):

Employees: _____
Responders: _____
General Public: _____

Non-Hospitalized:

(e.g.: On site first aid or Emergency Room observation and release)

Employees: _____
Responders: _____
General Public: _____

35. Did the hazardous material cause or contribute to an evacuation?

False

If yes, provide the following information:

Total number of general public evacuated: _____
Total number of employees evacuated: _____
Total evacuated: 0
Duration of the evacuation: _____

36. Was a major transportation artery or facility closed?

True

If yes, how many? 4

37. Was the material involved in a crash or derailment?

False

If yes, provide the following information:

Estimated speed (mph): _____
Weather conditions: _____
Vehicle overturned? _____
Vehicle left roadway/track? _____

PART V - AIR INCIDENT INFORMATION (please refer to S 175.31 to report a discrepancy for air shipments)

38. Was the shipment on a passenger aircraft?

If yes, was it tendered as cargo, or as passenger baggage?

39. Where did the incident occur (if unknown, check the appropriate box for the location where the incident was discovered)?

40. What phase(s) had the shipment already undergone prior to the incident? (Check all that apply)

- | | |
|--|--|
| - Shipment had not been transported | - Transported by air (first flight) |
| - Transport by air (subsequent flights) | - Initial transport by highway to cargo facility |
| - Transfer at sort center/cargo facility | |

PART VI - DESCRIPTION OF EVENTS & PACKAGE FAILURE

- Describe the sequence of events that led to the incident and the actions taken at the time it was discovered. Describe the package failure, including the size and location of holes, cracks, etc. Photographs and diagrams should be submitted if needed for clarification. Estimate the duration of the release, if possible. Describe what was done to mitigate the effects of the release. Continue on additional sheets if necessary.

Describe:

***Upon notification, I contacted Code 3 to respond with a crew and I was enroute. I was advised by yard personnel that the cloud was on the top of the car and would "cycle", starting and stopping, and all personnel were clear of the area and there was no movement in the yard, except for the mainline. Upon Code 3 arrival, the car was assessed and determined to have a PRD instead of a rupture disc. The leak was coming from the liquid connection flange, there was no cloud and was wisping out faintly. Code 3 exited the car and updated me. I contacted Reagent Chemical and advised him of the incident and was provided photos of how the flange should look with a gasket visible between the red and black spacers. Code 3 climbed the car and completed a more thorough inspection and found that the liquid flange bolts were easily turned by hand and no gasket was visible. The bolts were tightened and the off gassing slowed. There was moisture in the air which reacted with the HCL vapor and created a pH of 1 on top of the liquid line. The car was decontaminated with soda ash and water and the off gassing stopped. The car was moved to the Rip track, yard operations resumed, and there was no off gassing during the move. The air flange was removed to check for pressure and a vacuum was on the car. Then the liquid flange and spacer was removed, no gasket was installed, so a neoprene gasket was installed, and the liquid flange and spacer reinstalled. No further issues. Reagent Chemical sent a certified repair personnel out the afternoon of 1/29/25, installed a new gasket, checked the car for other issues, and prepped the car for Home Shop. Car is still in HZ hold.

PART VII - RECOMMENDATIONS/ACTIONS TAKEN TO PREVENT RECURRENCE

- Where you are able to do so, suggest or describe changes (such as additional training, use of better packaging, or improved operating procedures) to help prevent recurrence. Provide recommendations for improvement to hazardous materials transportation beyond the control of your individual company. Continue on additional sheets if necessary.

Describe:

Ensure car is properly secured for transportation and all gaskets/securements are in place.

PART VIII – CONTACT INFORMATION

Contact's Name:	Chip Heard
Contact's Title:	Sr Mgr Hazmat
Business Name and Address:	Union Pacific Railroad 1400 Douglas Street OMAHA NE 68179
E-mail Address:	caheard@up.com
Telephone Number:	(888) 877-7267
Fax Number:	
Hazmat Registration Number:	060322550212EG
Date:	01/30/2025
Preparer is:	Carrier