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-2025011010
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
01/22/2025

4. Time of Incident (use 24-hour time):
01:49

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: NORTH LITTLE ROCK
County: PULASKI
State: AR
Zip Code: (if known): 72114
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
1040 Vine St bowl track 59

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/Offeror:
Name: Advansix
Street: 4698 Bermuda St
City: PHILADELPHIA
State: PA
Zip Code: 19137
Waybill/Shipping Paper: 399892
Hazmat Registration Number:

12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:

13. Destination:
Street: 324 N Buckeye St
City: NORTH LITTLE ROCK
State: AR
Zip Code: 72114

14. Proper Shipping Name of Hazardous Material: ACETONE

15. Technical/Trade Name: ACETONE

16. Hazardous Class/Division: Flammable - Combustible Liquid

17. Identification Number: (E.g. UN2764, NA 2020) UN1090

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18. Packing Group: (if applicable) II

19. Quantity Released: (Include Measurement Units) 0.5 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: - 106-Bottom Outlet Valve
How Failed: - 308-Leaked
Causes of Failure: - Loose Closure, Component, or Device

26a. Provide the packaging identification markings, if available.
Identification Markings: 111A100W1
(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:	Packaging Type:
Material of Construction:	Material of Construction:
Head Type (Drums only):	

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:		**Single Package or Inner Packaging (if any):**
Package Capacity:	28028 Liquid - Gallon	Package Capacity:
Amount in Package:	24944 Liquid - Gallon	Amount in Package:
Number in Shipment:	1	Number in Shipment:
Number Failed:	1	Number Failed:

28. Provide packaging construction and test information, as appropriate:

Manufacturer:	TRIN	Manufacture Date:
Serial Number:	GATX25901	Last Test Date:
Material of Construction:	(if Tank Car, CTMV, Portable Tank, or Cylinder)	
Design Pressure:	(if Tank Car, CTMV, Portable Tank)	
Shell Thickness:	0.44 INCH (if Tank Car, CTMV, Portable Tank)	
Head Thickness:	0.44 INCH (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: Transport Index:
Activity:
Critical Safety Index:

PART IV – CONSEQUENCES

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

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

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:	$ 1,000.00
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? False

If yes, how many?

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

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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 from Mr. Kyzer, I advised him to isolate tracks on either side of this car until the car could be assessed. Code 3 was contacted and mobilized a crew. I was enroute as well. Upon arrival it was determined that the car was dripping from the bottom outlet stem packing gland due to the packing retainer nuts being several turns loose. The nuts were equally tightened until the leak stopped. The car was observed for several minutes, and no drips or leaks were observed. The bottom outlet was wiped dry, and the car was placed in HZ hold until an OTMA could be obtained by the shipper. Less than 1/2 gallon released and evaporated.

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 the car is properly secured and ready for transportation.

PART VIII – CONTACT INFORMATION

Contact's Name:	Chip Heard
Contact's Title:	Sr Manager 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:	01/24/2025
Preparer is:	Carrier