



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: E-2025060293

2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
05/17/2025

4. Time of Incident (use 24-hour time):
19:20

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: EAST DEERFIELD
County: FRANKLIN
State: MA

Zip Code: (if known): 01342

Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
Deerfield Yard

8. Mode of Transportation: Rail

9. Transportation Phase: In Transit

10. Carrier/Reporter:

Name: Berkshire & Eastern Railroad
Street: 38 RAILROAD YARD
City: DEERFIELD
State: MA
Zip Code: 01342-9754

Federal DOT Id Number:

Hazmat Registration Number: 081324550028G

11. Shipper/Officer:

Name: REAGENT CHEMICAL & RESEARCH, INC.
Street: 115 US HIGHWAY 202 STE E
City: RINGOES
State: NJ
Zip Code: 08551-1913

Waybill/Shipping Paper: 555471

Hazmat Registration Number:

12. Origin (if different from shipper address)

Street: 103 Pinder Rd
City: Nackawic
State: ZZ
Zip Code: E6G1W4

13. Destination:

Street: 153 Howland Avenue
City: ADAMS
State: MA
Zip Code: 01220

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

How Failed: - 308-Leaked

Causes of Failure: - Inadequate Preparation for Transportation

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

Identification Markings: 4930228

(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:	
Single Package or Outer Packaging:	Single Package or Inner Packaging (if any):
Package Capacity: 242164 Liquid - Pound Amount in Package: 185264 Liquid - Pound Number in Shipment: 1 Number Failed: 1	Package Capacity: Amount in Package: Number in Shipment: Number Failed:
28. Provide packaging construction and test information, as appropriate: Manufacturer: Serial Number: 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:	

PART IV – CONSEQUENCES

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

- | | |
|---------------------------|--|
| - Spillage: True | - Fire: |
| - Explosion: | - Material Entered Waterway/Storm Sewer: |
| - Vapor (Gas) Dispersion: | - 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: True
Other Cleanup:

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

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:	\$ 0.00
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 | |

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:

TILX112017 was found leaking hydrochloric acid on Track 4W in Deerfield Yard. At approximately 2100 hours, Hepaco LLC, mobilized to site with three technicians, one supervisor, and one pickup truck. Hepaco LLC arrived onsite at 2330 hours and conducted safety briefing, received track protection. Hepaco worked with railroad and shipper to approve corrections. At 0200 hours TILX112017 tank car was corrected and secured. Hepaco secured area and decontaminated equipment that was used. Apparent cause of incident concluded (Liquid Line A was less than tool tight, Liquid Line B was missing a gasket on the blind flange, and there were multiple gaskets on vapor line flange. Gasket installed on flange, flange secured, and security seals attached.

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:

Shipper to improve operating procedures so that tank car is adequate for safe transportation.

PART VIII – CONTACT INFORMATION

Contact's Name:	Rita Mager
Contact's Title:	Director Environmental
Business Name and Address:	Berkshire & Eastern Railroad 38 RAILROAD YARD DEERFIELD MA 01342-9754
E-mail Address:	rita.mager@gwrr.com
Telephone Number:	(802)373-2781
Fax Number:	
Hazmat Registration Number:	081324550028G
Date:	06/16/2025
Preparer is:	Carrier



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6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
City: EAST DEERFIELD
County: FRANKLIN
State: MA
Zip Code: (if known): 01342
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
Deerfield Yard
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: Berkshire & Eastern Railroad
Street: 38 RAILROAD YARD
City: DEERFIELD
State: MA
Zip Code: 01342-9754
Federal DOT Id Number:
Hazmat Registration Number: 081324550028G
11. Shipper/Officer:
Name: REAGENT CHEMICAL & RESEARCH, INC.
Street: 115 US HIGHWAY 202 STE E
City: RINGOES
State: NJ
Zip Code: 08551-1913
Waybill/Shipping Paper: 555471
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street: 103 Pinder Rd
City: Nackawic
State: ZZ
Zip Code: E6G1W4
13. Destination:
Street: 153 Howland Avenue
City: Adams
State: MA
Zip Code: 01220
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:

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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: - 158-Vapor Valve

How Failed: - 308-Leaked

Causes of Failure: - Inadequate Preparation for Transportation

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

Identification Markings: TILX 112017

(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:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Package Capacity: 242164 Liquid - Pound

Amount in Package: 185264 Liquid - Pound

Number in Shipment: 1

Number Failed: 1

Package Capacity:

Amount in Package:

Number in Shipment:

Number Failed:

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

Manufacturer:

Serial Number:

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:

Manufacture Date:

Last Test Date:

29. If the packaging is for Radioactive Materials, complete the following:

Packaging Category:

Packaging Certification:

Certification Number:

Nuclide(s) Present:

Activity:

Critical Safety Index:

Transport Index:

PART IV – CONSEQUENCES

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

- | | |
|---------------------------|--|
| - Spillage: True | - Fire: |
| - Explosion: | - Material Entered Waterway/Storm Sewer: |
| - Vapor (Gas) Dispersion: | - 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: True
Other Cleanup: ☐

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

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

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Contact's Title:	Director Environmental
Business Name and Address:	Berkshire & Eastern Railroad 38 RAILROAD YARD DEERFIELD MA 01342-9754
E-mail Address:	rita.mager@gwrr.com
Telephone Number:	(802)373-2781
Fax Number:	
Hazmat Registration Number:	081324550028G
Date:	06/16/2025
Preparer is:	Carrier