



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: I-1990030328
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
01/31/1990
4. Time of Incident (use 24-hour time):
22:10
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: KINGSBURY
County: LA PORTE
State: IN
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 76.5 SOUTH BEND SUBDIVISION
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
- Name: GRAND TRUNK WESTERN RR CO
Street: 1333 BREWERY PARK
City: DETROIT
State: MI
Zip Code: 48207
Federal DOT Id Number: GTW
Hazmat Registration Number:
11. Shipper/Officer:
- Name: ALBY OLIN
Street: VALLEY FIELD
City: VALLEYFIELD, PQ, CANADA
State: ZZ
Zip Code:
Waybill/Shipping Paper: 103 561402
Hazmat Registration Number:
12. Origin (if different from shipper address)
- Street:
City:
State:
Zip Code:
13. Destination:
- Street:
City: BUTLER
State: WI
Zip Code:
14. Proper Shipping Name of Hazardous Material: SODIUM CHLORATE
15. Technical/Trade Name: SODIUM CHLORATE
16. Hazardous Class/Division: Oxidizer
17. Identification Number: (E.g. UN2764, NA 2020) UN1495

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 4000 Solid - Pound

20. Was the material shipped as a hazardous waste?

If yes, provide the EPA Manifest Number:

21. Is this a Toxic by Inhalation (TIH) material?

If yes, provide the Hazard Zone:

22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate?

If yes, provide the Exemption, Approval, or CA number:

23. Was this an undeclared hazardous materials shipment?

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: -

How Failed: - 309-Punctured

Causes of Failure: - Loose Closure, Component, or Device

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

Identification Markings:

(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: 220600 Solid - Pound
Amount in Package:
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: NOT REPORTED BY CARRIER
Serial Number: NAHX 2980
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)

Manufacture Date:
Last Test Date:

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:

Transport Index:

PART IV – CONSEQUENCES

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

- | | | | |
|---------------------------|-------|--|-------|
| - Spillage: | True | - Fire: | False |
| - Explosion: | False | - Material Entered Waterway/Storm Sewer: | False |
| - Vapor (Gas) Dispersion: | False | - Environmental Damage: | False |
| - 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:

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: \$ 830.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 0.00
Remediation/Cleanup Cost: \$ 10,000.00
(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:

TRAIN 254 WAS ENROUTE FROM BLUE ISLAND ILLINOIS TO BATTLE CREEK, MICHIGAN, WITH 3 ENGINES, 125 CARS, TRAVELLING 40 TO 45 M.P.H. AND HAD JUST PASSED THROUGH KINGSBURY, INDIANA, WHEN THE TRAIN BRAKES WENT INTO EMERGENCY FROM A CAUSE OTHER THAN ENGINEERS BRAKE VALVE. ON INSPECTING THE TRAIN, THE BRAKEMAN FOUND THAT THE DRAWBAR ON THE EAST END OF NAHX 2980 HAD FALLEN OUT TO THE HORIZONTAL CROSS KEY BEING BROKEN. WHEN THE DRAWBAR FELL, IT WAS ON LILLY ROAD. DUE TO INSUFFICIENT CLEARANCE, THE BOTTOM OF THE EAST POCKET WAS TORN OFF AND THE SHANK OF THE DRAWBAR PUNCTURED THE WEST POCKET LEAVING A 15 TO 18 INCH JAGGED HOLE. CAR WAS MOVED TO SEDLEY WHERE REPAIRS WERE DONE.

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:

PART VIII – CONTACT INFORMATION

Contact's Name: J S YEAGER
Contact's Title: GEN SUPT OPERATIONS
Business Name and Address:

E-mail Address:
Telephone Number: 3134524754
Fax Number:
Hazmat Registration Number:
Date: 03/07/1990
Preparer is: