



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-2014050331
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 03/11/2014
4. Time of Incident (use 24-hour time): 20:28
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: HATTIESBURG
County: FORREST
State: MS
Zip Code: (if known): 39402
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
I-59 NORTH BOUND EXIT 60
8. Mode of Transportation: Highway
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: QUALITY CARRIERS, INC.
Street: 4041 PARK OAKS BLVD # 200
City: TAMPA
State: FL
Zip Code: 33610-9531
Federal DOT Id Number: 76600
Hazmat Registration Number: 051012551075UV
11. Shipper/Officer:
Name: CORNERSTONE CHEMICAL COMPANY
Street: 10800 RIVER RD
City: WESTWEGO
State: LA
Zip Code: 70094-2040
Waybill/Shipping Paper: 1635482
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street: 3300 MALLARD FOX DRIVE
City: DECATUR
State: AL
Zip Code: 35603
14. Proper Shipping Name of Hazardous Material: ACRYLONITRILE, STABILIZED
15. Technical/Trade Name:
16. Hazardous Class/Division: Flammable - Combustible Liquid
17. Identification Number: (E.g. UN2764, NA 2020) UN1093

- 18. Packing Group:** (if applicable) I
- 19. Quantity Released:** (Include Measurement Units) 82 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:

Cargo Tank Motor Vehicle (CTMV)

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: - 122-Gauging Device; 152-Threaded Connection

How Failed: - 302-Bent; 308-Leaked

Causes of Failure: - Inadequate Accident Damage Protection; Rollover Accident

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

Identification Markings: DOT 407

(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: 7568 Liquid - Gallon
Amount in Package: 7125 Liquid - Gallon
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: BRENNER
Serial Number: 10BFB72X4VM0M138
Material of Construction: SS316 (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: 30 (if Tank Car, CTMV, Portable Tank)
Shell Thickness: 0.13 INCH (if Tank Car, CTMV, Portable Tank)
Head Thickness: 0.145 INCH (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type: PRESSURE GAUGE
Model:
Manufacturer:

Manufacture Date: 09/01/1997
Last Test Date: 12/13/2013

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 #: True 1076422
Police Report #: True 2014030375
In-house cleanup: False
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: \$ 500.00
Carrier Damage: \$ 14,000.00
Property Damage: \$ 5,000.00
Response Cost: \$ 7,000.00
Remediation/Cleanup Cost: \$ 20,000.00
(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: 0
Responders: 0
General Public: 0

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

If yes, how many? 0

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: 0
Responders: 0
General Public: 0

Non-Hospitalized:

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

Employees: 0
Responders: 0
General Public: 0

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:
Duration of the evacuation:

36. Was a major transportation artery or facility closed? True

If yes, how many? 21

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

If yes, provide the following information:

Estimated speed (mph): 65
Weather conditions: RAIN
Vehicle overturned? True
Vehicle left roadway/track? True

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:

WHILE TRAVELING AT APPROXIMATELY 65 MPH, THE CTMV HYDROPLANED AND, DUE TO THE SLOPE OF THE HIGHWAY, ROLLED OVER ABOUT 120 DEGREES TO THE RIGHT ONTO THE HIGHWAY SHOULDER. THE CTMV CRUSHED THE GUARD RAIL AND IMPACTED THE GROUND. THE ROLLOVER PROTECTION DEVICES (CRASH BOX TOMBSTONES) DUG INTO THE MUDDY SOIL, WHICH IMPACTED THE ACCESSORIALS IN THE DOME AREA, INCLUDING THE PRESSURE GAUGE MOUNTED TO THE PRESSURE RELIEF VENT (PRV). THIS CAUSED THE GAUGE TO BEND AT THE THREADED CONNECTION TO THE PRV, AND HAZMAT BEGAN LEAKING THROUGH THE DAMAGED CONNECTION. LOCAL AUTHORITIES CLOSED THE HIGHWAYS (I-59 AND US 11.) EMERGENCY RESPONDERS WERE DISPATCHED TO TRANSLOAD THE PRODUCT TO A RESCUE CTMV, AND TO REMEDIATE THE IMPACTED MEDIA. AFTER APPROXIMATELY 14 HOURS, RESPONDERS WERE ABLE TO ACCESS THE DOME AREA AND THEY APPLIED A PATCH MATERIAL TO THE DAMAGED GAUGE, WHICH STOPPED THE RELEASE. THE HAZMAT WAS TRANSLOADED TO THE RESCUE CTMV FOR SUBSEQUENT DELIVERY FOR THE CONSIGNEE. THE DAMAGED CTMV WAS UPRIGHTED AND TOWED FROM THE SCENE. IMPACTED MEDIA WAS REMOVED FOR PROPER DISPOSAL.

RESPONDING AGENCIES: HATTIESBURG POLICE DEPARTMENT, DIXIE VOLUNTEER FIRE DEPT, AND AAA AMBULANCE.

QC EVENT 40595.

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:

NO COMMENTS PROVIDED.

PART VIII – CONTACT INFORMATION

Contact's Name:	PAM KOEHLER
Contact's Title:	SR CLAIMS ADJUSTER
Business Name and Address:	QUALITY CARRIERS, INC 4041 PARK OAKS BLVD, SUITE 200 TAMPA FL 33610
E-mail Address:	PSCHRECE@QUALITYDISTRIBUTION.COM
Telephone Number:	813 569 7298
Fax Number:	
Hazmat Registration Number:	
Date:	05/19/2014
Preparer is:	Carrier

09/01/1997