



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-2017080643
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 08/08/2017
4. Time of Incident (use 24-hour time): 07:30
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: RICHFIELD
County: ROWAN
State: NC
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
Unknown
8. Mode of Transportation: Highway
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: HOT-Z Transport Co
Street: 1412 Mill Race Dr
City: Salem
State: VA
Zip Code: 24153
Federal DOT Id Number: 381200
Hazmat Registration Number: 051010552086
11. Shipper/Officer:
Name: ECO-ENERGY
Street: 6100 TOWER CIRCLE, SUITE 500
City: Franklin
State: TN
Zip Code: 37067
Waybill/Shipping Paper: 0093789
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street: 18846 N.C. HIGHWAY 8
City: Denton
State: NC
Zip Code: 27239
13. Destination:
Street: 6801 FREEDOM DRIVE
City: Charlotte
State: NC
Zip Code: 28214
14. Proper Shipping Name of Hazardous Material: ALCOHOLS, N.O.S.
15. Technical/Trade Name: DENATURED ALCOHOL
16. Hazardous Class/Division: Flammable - Combustible Liquid
17. Identification Number: (E.g. UN2764, NA 2020) UN1987

- 18. Packing Group:** (if applicable) II
- 19. Quantity Released:** (Include Measurement Units) 804 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: - 150-Tank Shell
How Failed: - 309-Punctured
Causes of Failure: - Rollover Accident

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

Identification Markings: NO MARKINGS GIVEN

(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: 9200 Liquid - Gallon
Amount in Package: 7886 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:	HEIL	Manufacture Date:	02/09/2016
Serial Number:	286016941400	Last Test Date:	05/02/2017
Material of Construction:	ALUMINUM (if Tank Car, CTMV, Portable Tank, or Cylinder)		
Design Pressure:	3 (if Tank Car, CTMV, Portable Tank)		
Shell Thickness:	0.194 INCH (if Tank Car, CTMV, Portable Tank)		
Head Thickness:	0.204 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 | - 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 NC17080870940
Police Report #: True NC5913237
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: \$ 1,375.00
Carrier Damage: \$ 138,855.00
Property Damage: \$ 100.00
Response Cost: \$ 8,114.00
Remediation/Cleanup Cost: \$ 941.00
(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: 0
Total number of employees evacuated: 0
Total evacuated: 0
Duration of the evacuation: 0

36. Was a major transportation artery or facility closed?

False

If yes, how many? 0

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

True

If yes, provide the following information:

Estimated speed (mph): 55
Weather conditions: CLEAR
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:

The driver was delivering a load of ethanol to a terminal in Charlotte, NC. He had driven this road before and said it was a typical delivery. He stated he was not speeding, weather was good, and he was wide awake feeling good. He was in a slight curve to the left when he felt a slight tug and the tanker and truck rolled over into the ditch. Another HOT-Z driver came along right after the accident and was able to get the driver out of the truck. Mr. Dover also called the HOT-Z General Manager who came to the scene and aided in the restoration. No other vehicles were involved and emergency personnel and Geological Resources, Inc. were called to the scene to handle the clean-up. The fire department was able to plug the hole and keep the leakage to a minimum. The driver was taken to the hospital and released later that day.

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:

Continued training for drivers on rollover prevention through insurance company programs.

The road in this accident had a low shoulder which may have been the tug the driver felt. Eliminating these "low shoulders" especially on curves might help prevent accidents.

PART VIII – CONTACT INFORMATION

Contact's Name:	Chris Spruill
Contact's Title:	Director of Safety
Business Name and Address:	HOT-Z Transport,Co 1412 Mill Race Dr Salem VA 24153
E-mail Address:	chris.spruill@hotztransport.com
Telephone Number:	540-375-6501
Fax Number:	540-375-6506
Hazmat Registration Number:	
Date:	08/28/2017
Preparer is:	Carrier

02/09/2016