



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-2020060563  
2. This is to report: A

### PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 06/03/2020  
4. Time of Incident (use 24-hour time): 11:00
5. Enter National Response Center Report Number (if applicable): 1278741  
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:  
City: NORTH JACKSON  
County: MAHONING  
State: OH  
Zip Code: (if known): 44451  
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile: 1661 Bailey Rd.
8. Mode of Transportation: Highway  
9. Transportation Phase: Unloading
10. Carrier/Reporter:  
Name: LYKINS TRANSPORTATION INC  
Street: 5163 WLFPN PLSNT HL RD  
City: MILFORD  
State: OH  
Zip Code: 45150-9632  
Federal DOT Id Number: 213745  
Hazmat Registration Number: 053118550068AC
11. Shipper/Officer:  
Name: Buckeye Partners, L.P.  
Street: 5 Tek Park, 9999 Hamilton Blvd.  
City: Breinigsville  
State: PA  
Zip Code: 18031  
Waybill/Shipping Paper: 199704  
Hazmat Registration Number:
12. Origin (if different from shipper address)  
Street: 4800 East 49th St.  
City: CUYAHOGA HEIGHTS  
State: OH  
Zip Code: 44125
13. Destination:  
Street: 1661 Bailey Rd.  
City: NORTH JACKSON  
State: OH  
Zip Code: 44451
14. Proper Shipping Name of Hazardous Material: DIESEL FUEL  
15. Technical/Trade Name:  
16. Hazardous Class/Division: Flammable - Combustible Liquid  
17. Identification Number: (E.g. UN2764, NA 2020) NA1993

- 18. Packing Group:** (if applicable) III
- 19. Quantity Released:** (Include Measurement Units) 200 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: - 125-Hose

How Failed: - 303-Burst or Ruptured

Causes of Failure: -

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

Identification Markings: NA1993

(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:<br>Material of Construction:<br>Head Type (Drums only):                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Packaging Type:<br>Material of Construction:                                     |
| <b>27. Describe the package capacity and the quantity:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |
| Single Package or Outer Packaging:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Single Package or Inner Packaging (if any):                                      |
| Package Capacity: 9500 Liquid - Gallon<br>Amount in Package: 7201 Liquid - Gallon<br>Number in Shipment:<br>Number Failed:                                                                                                                                                                                                                                                                                                                                                                                                                   | Package Capacity:<br>Amount in Package:<br>Number in Shipment:<br>Number Failed: |
| <b>28. Provide packaging construction and test information, as appropriate:</b><br>Manufacturer: Heil Trailer International<br>Serial Number: 5HTAM4426Y7H6448<br>Material of Construction: Aluminum (if Tank Car, CTMV, Portable Tank, or Cylinder)<br>Design Pressure: 3.3 PSI (if Tank Car, CTMV, Portable Tank)<br>Shell Thickness: 0.173 INCH (if Tank Car, CTMV, Portable Tank)<br>Head Thickness: 0.173 INCH (if Tank Car, CTMV)<br>Service Pressure: (if Cylinder)<br>If valve or device failed:<br>Type:<br>Model:<br>Manufacturer: |                                                                                  |
| <b>29. If the packaging is for Radioactive Materials, complete the following:</b><br>Packaging Category:<br>Packaging Certification:<br>Certification Number:<br>Nuclide(s) Present: Transport Index:<br>Activity:<br>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:                  | True  |
| - No Release:             | False |                                          |       |

### 31. Emergency Response: The following entities responded to the incident: (Check all that apply)

- Fire/EMS Report #: False  
Police Report #: False  
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: \$ 430.00  
Carrier Damage: \$ 0.00  
Property Damage: \$ 0.00  
Response Cost: \$ 10,000.00  
Remediation/Cleanup Cost: \$ 15,000.00  
(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:

Driver was making a pump delivery to the customer. During the unloading, the hose ruptured resulting in a spill. The hose being used for the delivery was high pressure rated, therefore it should have not failed. However, the exact cause of the failure is unknown. The rupture could have been from vibrations in the pumping equipment, a defective hose, or was miss handled. Once the driver was made aware of the situation, the flow of product was shut off. Next, the driver notified company personnel and the emergency cleanup company was dispatched immediately. The OEPA and NRC were then contacted right after. The contamination was removed by digging the material up and then storing it in two roll off boxes. Also, free floating product was removed via vac truck. The crew utilized fresh water to flush out the materials and to collect any free-floating product. There were also staged absorbent pads and absorbent booms used at the product collection point and left at the property to absorb any further product that may need absorbed. No product was released from the site. The clean-up was completed on June 18, 2020. All product was recovered, and the ground was treated with Micro-Blaze as a precaution. Fresh dirt and gravel were filled back in where the excavation took place. Full tanker serial number is 5HTAM4426Y7H64481, could not fit it all in the section place provided.

## 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:

The product was release because the equipment ruptured while the product was being unloaded. This will be prevented in the future by doing more thorough equipment inspections before delivering product. If the equipment needs to be fixed or replaced, it will then be fixed or replaced immediately before that vehicle can be used for any future deliveries. Also, all drivers will be informed of this incident at our driver led safety meetings and will be retrained as precaution on proper hose handling techniques for pump deliveries.

## PART VIII – CONTACT INFORMATION

|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| Contact's Name:             | Jacob Webster                                                             |
| Contact's Title:            | Director of Safety, Env. & Maint.                                         |
| Business Name and Address:  | LYKINS TRANSPORTATION INC<br>5163 WLFPN PLSNT HL RD MILFORD OH 45150-9632 |
| E-mail Address:             | jwebster@lykinsenergy.com                                                 |
| Telephone Number:           | (513)965-6252                                                             |
| Fax Number:                 |                                                                           |
| Hazmat Registration Number: |                                                                           |
| Date:                       | 06/29/2020                                                                |
| Preparer is:                | Carrier                                                                   |

01/28/2000