



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-2007060088
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
04/23/2007
4. Time of Incident (use 24-hour time):
20:44
5. Enter National Response Center Report Number (if applicable):
833223
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
City: SEWARD
County: WINNEBAGO
State: IL
Zip Code: (if known): 61077
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
3157 S. PECATONICA RD
8. Mode of Transportation: Highway
9. Transportation Phase: Unloading
10. Carrier/Reporter:
Name: RIVER ROCK LOGISTICS
Street: 851 E. LOCUST ST. P.O. BOX 144
City: LANARK
State: IL
Zip Code: 61046
Federal DOT Id Number: 1123061
Hazmat Registration Number: 062306600006OP
11. Shipper/Offendor:
Name: CF INDUSTRIES, INC.
Street: 4 PARKWAY NORTH SUITE 400
City: DEERFIELD
State: IL
Zip Code: 60015
Waybill/Shipping Paper: F72128
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street: ALBANY TERMINAL-6620
City: ALBANY
State: IL
Zip Code: 61230
13. Destination:
Street: 3157 S. PECATONICA RD
City: SEWARD
State: IL
Zip Code: 61077
14. Proper Shipping Name of Hazardous Material: AMMONIA ANHYDROUS
15. Technical/Trade Name: NH3
16. Hazardous Class/Division: Poisonous Gas
17. Identification Number: (E.g. UN2764, NA 2020) UN1005

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 40000 Gas - Pound

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? True
If yes, provide the Hazard Zone: D

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? 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: NH3 MC-331

(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:
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: SUPERIOR TANK & CONST.
Serial Number: 83468
Material of Construction: Q&T STEEL/517F (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: 265 (if Tank Car, CTMV, Portable Tank)
Shell Thickness: 0.4 INCH (if Tank Car, CTMV, Portable Tank)
Head Thickness: 0.25 INCH (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type:
Model:
Manufacturer:

Manufacture Date: 02/28/1969
Last Test Date: 09/01/2006

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: | True | - Environmental Damage: | False |
| - No Release: | False | | |

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

Fire/EMS Report #: True 07-084
Police Report #: True WCSP 07-25570
In-house cleanup: False
Other Cleanup: False

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: \$ 9,000.00
Carrier Damage: \$ 0.00
Property Damage: \$ 25,000.00
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: 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?

True

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: 5
General Public: 1

35. Did the hazardous material cause or contribute to an evacuation?

True

If yes, provide the following information:

Total number of general public evacuated: 150
Total number of employees evacuated: 4
Total evacuated: 154
Duration of the evacuation: 12

36. Was a major transportation artery or facility closed?

True

If yes, how many? 4

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:

The driver arrived at the facility, positioned the truck to unload, set the brakes, got out of the truck, and hooked up the hoses to the riser. After approximately five minutes of unloading the anhydrous ammonia, the hose ruptured and a release of product occurred. Immediately after the release, emergency responders were called. The release prevented the driver from activating the emergency shut-off controls, so the driver and a facility employee immediately ran to warn others and began evacuating the neighbors. The emergency responders arrived on scene and the state police continued the evacuation and closed roads. After the release ended, the authorities permitted facility employees and neighbors to return to the facility and their homes.

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:

River Rock Logistics has hired Hard Hat Services, Inc., an environmental remediation contractor, which is conducting site reconnaissance and developing a work plan for review by the Illinois Environmental Protection Agency. River Rock Logistics is also working with the facility to complete this site investigation in a safe and swift manner that complies with relevant environmental and health and safety requirements.

PART VIII - CONTACT INFORMATION

Contact's Name:	BRAD ELLINOR
Contact's Title:	OWNER
Business Name and Address:	RIVER ROCK LOGISTICS 851 E. LOCUST ST P.O. BOX 144 LANARK IL 61046
E-mail Address:	ELLINOR@FRONTIERNET.NET
Telephone Number:	815-493-2177
Fax Number:	815-493-9099
Hazmat Registration Number:	
Date:	05/22/2007
Preparer is:	Carrier

02/28/1969