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-2005090493
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
08/12/2005

4. Time of Incident (use 24-hour time):
18:30

5. Enter National Response Center Report Number (if applicable):
768900

6. If you submitted a report to another Federal DOT agency, enter the agency and report number:

7. Location of Incident:
City: DECATUR
County: DEKALB
State: GA
Zip Code: (if known): 30034
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
4124 FLAKESMILL

8. Mode of Transportation: Highway

9. Transportation Phase: Unloading

10. Carrier/Reporter:
Name: M C TANK TRANSPORT INC
Street: 10134 MOSTELLER LANE
City: WEST CHESTER
State: OH
Zip Code: 45069
Federal DOT Id Number: 81405
Hazmat Registration Number: 052004001010MO

11. Shipper/Offeror:
Name: P V S TRANSPORTATION
Street: 10900 HARPER
City: DETROIT
State: MI
Zip Code: 48213
Waybill/Shipping Paper: 68347-1
Hazmat Registration Number: 070604012017MO

12. Origin (if different from shipper address)
Street: 2404 DOUG BARNARD PARKWAY
City: AUGUSTA
State: GA
Zip Code: 30906

13. Destination:
Street: 4124 FLAKESMILL
City: DECATUR
State: GA
Zip Code: 30034

14. Proper Shipping Name of Hazardous Material: FERRIC CHLORIDE, SOLUTION

15. Technical/Trade Name: FERRIC CHLORIDE SOLUTION

16. Hazardous Class/Division: Corrosive Material

17. Identification Number: (E.g. UN2764, NA 2020) UN2582

18. Packing Group: (if applicable) III

19. Quantity Released: (Include Measurement Units) 650 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: - 126-Hose Adaptor or Coupling
How Failed: - 303-Burst or Ruptured
Causes of Failure: - Corrosion - Interior

26a. Provide the packaging identification markings, if available.
Identification Markings: DOT 412 MS
(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:	Packaging Type:
Material of Construction:	Material of Construction:
Head Type (Drums only):	

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:		Single Package or Inner Packaging (if any):	
Package Capacity:	5200 Liquid - Gallon	Package Capacity:	
Amount in Package:	3647 Liquid - Gallon	Amount in Package:	
Number in Shipment:	1	Number in Shipment:	
Number Failed:	1	Number Failed:	

28. Provide packaging construction and test information, as appropriate:

Manufacturer:	BRENNER TANK	Manufacture Date:	01/01/1999
Serial Number:	10BGC52U2XMOM219	Last Test Date:	01/13/2005

Material of Construction: SA-414 GRD G (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: 35 (if Tank Car, CTMV, Portable Tank)
Shell Thickness: 0.18 INCH (if Tank Car, CTMV, Portable Tank)
Head Thickness: 0.24 INCH (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type: NIPPLE
Model: 2" 316 STAINLESS
Manufacturer: UNKNOWN

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
Police Report #: False
In-house cleanup: True
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:	$ 0.00
Carrier Damage:	$ 0.00
Property Damage:	$ 0.00
Response Cost:	$ 10,000.00
Remediation/Cleanup Cost:	$ 12,500.00

(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? 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:

OUR VEHICLE ARRIVED AT THE CONSIGNEE'S FACILITY AT 1700 HOURS AND MADE PRE-LIMINARY OFFLOADING PROCEDURES (IE PRODUCT LINE HOOK-UPS, COMPLETING PAPER WORK, GETTING PERMISSION TO UNLOAD ETC.). DRIVER THEN BEGAN UNLOADING. AS PART OF HIS PROCEDURE, HE CHECKS PRODUCT LINES AND CONNECTIONS, ON THE TRAILER AND HOSES, FOR SIGNS OF LEAKAGE. WHEN HE WAS AT THE RIGHT REAR (PASSENGER SIDE) OF THE TRAILER (30 MINUTES INTO THE UNLOADING PROCESS), THE NIPPLE CONNECTING A CAMLOK CONNECTION TO A4-BOLT CONNECTION BROKE AND PRODUCT STARTED SPRAYING. HE THEN RAN TO THE FRONT LEFT (DRIVER SIDE) OF THE TRAILER AND SHUT OFF THE FLOW USING THE EMERGENCY SHUT-OFF. WORKERS AT THE PLANT AND OUR DRIVER USED WATER TO WASH THE PRODUCT INTO THE PLANT'S WASTE CONTAINMENT LAGOON. IN DOING SO THEY CREATED 12,000 GALLONS OF PRODUCT OUT OF THE GALLONS THAT WERE SPILLED.

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:

WE HAVE ALREADY RETRAINED OUR DRIVERS ON SAFE HANDLING AND REMEDIATION OF THE PRODUCT. HOWEVER, THERE NEEDS TO BE TRAINING AT USER LEVEL. THIS IS ESPECIALLY TRUE WHEN IT COMES TO DEALING WITH A SPILL. HAD THE CONSIGNEE CONTAINED THE PRODUCT WITH SODA ASH OR LIME THERE WOULD NOT HAVE BEEN NEARLY THE QUANTITY OF PRODUCT TO DEAL WITH.

PART VIII – CONTACT INFORMATION

Contact's Name:	CHARLES CRAMER
Contact's Title:	DIRECTOR OF SAFETY
Business Name and Address:	M C TANK TRANSPORT INC 10134 MOSTELLER LANE WEST CHESTER OH 45069
E-mail Address:	CHUCKC@MCTANK.COM
Telephone Number:	(513)771-8667
Fax Number:	(513)771-8825
Hazmat Registration Number:	
Date:	08/31/2005
Preparer is:	Carrier

01/01/1999