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-2001060017
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
09/24/1999

4. Time of Incident (use 24-hour time):
08:15

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: PATRICK
County: STOREY
State: NV
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
WALTMAN WAY

8. Mode of Transportation: Highway

9. Transportation Phase: In Transit

10. Carrier/Reporter:
Name: SIERRA CHEMICAL CO INC
Street: 2302 LARKIN CIRCLE
City: SPARKS
State: NV
Zip Code: 89431
Federal DOT Id Number:
Hazmat Registration Number:

11. Shipper/Offeror:
Name: SIERRA CHEMICAL CO INC
Street: 2302 LARKIN CIRCLE
City: SPARKS
State: NV
Zip Code: 89431
Waybill/Shipping Paper: 42384
Hazmat Registration Number:

12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:

13. Destination:
Street: 191 WUNOTOO RD
City: SPARKS
State: NV
Zip Code:

14. Proper Shipping Name of Hazardous Material: SULFURIC ACID

15. Technical/Trade Name:

16. Hazardous Class/Division: Corrosive Material

17. Identification Number: (E.g. UN2764, NA 2020) UN1830

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 1250 Liquid - Gallon

20. Was the material shipped as a hazardous waste?
If yes, provide the EPA Manifest Number:

21. Is this a Toxic by Inhalation (TIH) material?
If yes, provide the Hazard Zone:

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?

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: -
Causes of Failure: - Rollover Accident; Vehicular Crash or Accident Damage

26a. Provide the packaging identification markings, if available.
Identification Markings:
(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:	6000 Liquid - Gallon	Package Capacity:	
Amount in Package:		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:	POLAR TANK TRAILER INC	Manufacture Date:	
Serial Number:	M2-11255	Last Test Date:	02/01/1999
Material of Construction:	(if Tank Car, CTMV, Portable Tank, or Cylinder)		
Design Pressure:	(if Tank Car, CTMV, Portable Tank)		
Shell Thickness:	(if Tank Car, CTMV, Portable Tank)		
Head Thickness:	(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 #:
Police Report #:
In-house cleanup:
Other Cleanup:

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:	$ 350.00
Carrier Damage:	$ 57,888.00
Property Damage:	$ 2,000.00
Response Cost:	$ 0.00
Remediation/Cleanup Cost:	$ 10,013.00

(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? True

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:

ON THE MORNING OF SEPTEMBER 24 MR DAN LEDO, DRIVER FOR SIERRA CHEMICAL CO., WAS DISPATCHED TO MAKE A TANKER DELIVERY OF SULFURIC ACID TO THE TRACY-CLARK GENERATING PLANT IN PATRICK, NEVADA (THIS FACILITY IS LOCATED APPROXIMATELY 15 MILES FROM OUR SPARKS NEVADA PLANT. MR. LEDO WAS EAST BOUND ON WALTHAM WAY AT THE TIME OF THE INCIDENT. WALTHAM WAY IS SOMEWHAT OF A WINDING "BACKROAD" THAT RUNS THROUGH AN INDUSTRIAL COMPLEX THAT WAS UNDER DEVELOPMENT. AT THE ACTUAL LOCATION OF THE INCIDENT THE CLOSEST BUSINESS WAS AROUND A QUARTER MILE AWAY. THE WEATHER CONDITIONS WAS CLEAR AND DRY WITH THE SUM JUST RISING OVER HE HILL SIDES. FINDINGS BY THE COUNTY SHERIFF WAS THAT MR. LEDO WAS GOING TOO FAST. ALTHOUGH THE SPEED WAS NOT INDICATED, THE SHERIFF NOTED THAT THERE WAS SOME 50 FEET OF SKID MARKS ON THE ROAD. SPEED LIMIT FOR THIS STRETCH OF ROAD WAS 35 MPH. A CONTRIBUTING FACTOR MAY HAVE BEEN THE SUN RISING FROM HE EAST AS THE DRIVER WAS APPROACHING A CURVE IN THE ROAD. AS SOON AS SIERRA CHEMICAL CO. WAS NOTIFIED OF THE INCIDENT WE DISPATCHED A NUMBER OF OUR HAZWOPER CERTIFIED RESPONDERS, ALONG WITH OUR HAZMAT TRAILER, TO ASSESS THE SITUATION. OUR RESPONDERS WORKED WITH THE LOCAL AGENCIES UNTIL IT WAS DEEMED THAT NO HAZARD TO THE PUBLIC OR ENVIRONMENT EXISTED AND WAS TURNED OVER TO US TO MITIGATE. ALONG WITH THE ACTIVITIES OF OUR OWN RESPONDERS, WE CONTRACTED WITH SAFETY KLEEN FOR THE DISPOSAL OF CLEANED UP SOIL. THE INCIDENT WAS DETERMINED TO BE OPERATOR ERROR. NO CORRECTIVE ACTION WAS TAKEN AS MR. LEDO QUIT.

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:

PART VIII – CONTACT INFORMATION

Contact's Name:	LONNIE H KELLAR
Contact's Title:	REGULATORY COMPLIANCE MAN
Business Name and Address:	
E-mail Address:	
Telephone Number:	775-358-0888
Fax Number:	
Hazmat Registration Number:	
Date:	05/24/2001
Preparer is:	