



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-2007090223
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
09/19/2007
4. Time of Incident (use 24-hour time):
12:45
5. Enter National Response Center Report Number
(if applicable):
849320
6. If you submitted a report to another Federal DOT agency, enter
the agency and report number:
7. Location of Incident:
- City: BUFFALO
County: ERIE
State: NY
Zip Code: (if known): 14206
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
1800 South Park Ave
8. Mode of Transportation: Highway
9. Transportation Phase: In Transit
10. Carrier/Reporter:
- Name: Chemical Distributors Inc
Street: 80 Metcalfe St.
City: BUFFALO
State: NY
Zip Code: 14206
Federal DOT Id Number: 113096
Hazmat Registration Number: 053006550055OQ
11. Shipper/Officer:
- Name: Chemical Distributors Inc.
Street: 80 Metcalfe St.
City: BUFFALO
State: NY
Zip Code: 14206
Waybill/Shipping Paper: 327985
Hazmat Registration Number: 053006550055
12. Origin (if different from shipper address)
- Street:
City:
State:
Zip Code:
13. Destination:
- Street: 2375 South Park Ave.
City: BUFFALO
State: NY
Zip Code: 14220
14. Proper Shipping Name of Hazardous Material: POTASSIUM HYDROXIDE, SOLUTION
15. Technical/Trade Name:
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1814

- 18. Packing Group:** (if applicable) II
- 19. Quantity Released:** (Include Measurement Units) 20 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:
IBC

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: - 106-Bottom Outlet Valve
How Failed: - 308-Leaked
Causes of Failure: - Valve Open

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

Identification Markings: 31HA1/Y

(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: IBC Material of Construction: Plastic Head Type (Drums only):	Packaging Type: Material of Construction:
27. Describe the package capacity and the quantity:	
Package Capacity: 275 Liquid - Gallon Amount in Package: 275 Liquid - Gallon Number in Shipment: 2 Number Failed: 1	Package Capacity: Amount in Package: Number in Shipment: Number Failed:
28. Provide packaging construction and test information, as appropriate:	
Manufacturer: Schuetz Serial Number: 0887676 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: Activity: Critical Safety Index:	Manufacture Date: 07/01/2005 Last Test Date: 12/22/2006 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: | False | - Environmental Damage: | False |
| - No Release: | False | | |

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

Fire/EMS Report #: False
Police Report #: True NYA013901057
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: \$ 20.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 500.00
Remediation/Cleanup Cost: \$ 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? 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: 0
General Public: 1

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? True

If yes, how many? 3

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

If yes, provide the following information:

Estimated speed (mph): 0
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 Wednesday, 9-19-07 at approximately 12:45PM, our hazmat driver reported to us that one of his 275 gallon IBC's of 45% Potassium Hydroxide, solution leaked en-route to a nearby customer. Approximately 20 gallons of material leaked into the box of the truck and onto the trucks rear tires. A pedestrian on a bicycle received a spray of material as the truck drove by. He was taken to the hospital for treatment and released. The IBC's discharge valve somehow partially opened after the driver reported going oversome potholes. The driver immediately closed the valve and placed containment under his truck to soak up the spill. The Buffalo Fire Dept. and the Buffalo Police closed the road while our spill response team cleaned up the spill materials.

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 IBC's had been loaded sideways in the bed of the truck to minimize movement between them. It is possible that when the truck hit the potholes, the IBC bounced, hit the outside wall of the truck and opened the valve. Our loading procedures have been changed and our personnel have been re-trained to only load IBCs onto the truck with the discharge valves facing the rear of the truck. Additional load straps will be used to prevent container movement. This will prevent the valves from striking the outside walls of the truck in the event of the truck hitting raod hazards.

PART VIII – CONTACT INFORMATION

Contact's Name:	Mark Hassan
Contact's Title:	E,H&S Mgr.
Business Name and Address:	Chemical Distributors Inc. 80 Metcalfe Street BUFFALO NY 14206
E-mail Address:	ehs@cdibuffalo.com
Telephone Number:	716-856-2300
Fax Number:	716-856-7115
Hazmat Registration Number:	
Date:	09/24/2007
Preparer is:	Facility owner/operator

07/01/2005