



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-2008110006
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
10/24/2008
4. Time of Incident (use 24-hour time):
15:30
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: BRIDGEVIEW
County: COOK
State: IL
Zip Code: (if known): 60455
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
10300 Harlem Av.
8. Mode of Transportation: Highway
9. Transportation Phase: In Transit
10. Carrier/Reporter:
- Name: Clean Harbors Environmental Services, Inc.
Street: 42 Longwater Dr.
City: NORWELL
State: MA
Zip Code: 02061
Federal DOT Id Number: 180743
Hazmat Registration Number: 061308550066QS
11. Shipper/Officer:
- Name: Smurfit Stone
Street: 9600 Harlem Av.
City: BRIDGEVIEW
State: IL
Zip Code: 60455
Waybill/Shipping Paper: 000036606MWI
Hazmat Registration Number:
12. Origin (if different from shipper address)
- Street:
City:
State:
Zip Code:
13. Destination:
- Street: 11800 S. Stony Island
City: CHICAGO
State: IL
Zip Code: 60617
14. Proper Shipping Name of Hazardous Material: SODIUM HYDROXIDE, SOLUTION
15. Technical/Trade Name: Caustic Soda
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1824

18. Packing Group: (if applicable) II

19. Quantity Released: (Include Measurement Units) 150 Liquid - Gallon

20. Was the material shipped as a hazardous waste? True
If yes, provide the EPA Manifest Number: 0036606MWI

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: - 132-Liner
How Failed: - 309-Punctured
Causes of Failure: - Inadequate Blocking and Bracing

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

Identification Markings: 3HA1/Y/0108USA/+AA2583/SCHUETZ5/4620/205

(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:

Packaging Type: IBC
Material of Construction: Plastic
Head Type (Drums only):

Single Package or Inner Packaging (if any):

Packaging Type:
Material of Construction:

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:

Package Capacity: 250 Liquid - Gallon
Amount in Package: 200 Liquid - Gallon
Number in Shipment: 2
Number Failed: 1

Single Package or Inner Packaging (if any):

Package Capacity:
Amount in Package:
Number in Shipment:
Number Failed:

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

Manufacturer:	Schuetz	Manufacture Date:	01/10/2008
Serial Number:	0846112	Last Test Date:	
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 #: True 080003144
Police Report #: True 08016574
In-house cleanup: True
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: \$ 0.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 0.00
Remediation/Cleanup Cost: \$ 2,500.00
(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: 0
Total number of employees evacuated: 0
Total evacuated: 0
Duration of the evacuation: 0

36. Was a major transportation artery or facility closed?

False

If yes, how many? 0

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:

A vehicle operated by Clean Harbors Environmental Services, Inc. was en route from a shipper's location to the intended waste management facility. During the course of the trip, the driver was forced to execute a hard braking maneuver that resulted in a 250 gallon IBC to slide forward into a pallet jack puncturing the side wall of the container. The driver immediately pulled into a parking area where he inspected the cargo portion of the vehicle and discovered that approximately 150 gallons of material had escaped from the package onto the floor of the box truck. The driver immediately secured the vehicle and initiated the spill response plan which included applying an absorbent material on the ground to protect the spread of material. Once secured, the driver called his dispatcher who dispatched a response crew to the scene. Calls were made to local police, fire and regulatory agencies advising them of the situation. Upon arrival, local emergency personnel monitored the scene as the emergency response crew initiated the spill clean-up efforts which entailed absorbing all free liquids with a suitable absorbent material, containerizing all cleanup debris and transferring the material that remained in the damaged IBC into a suitable container. In addition, the response crew decontaminated the cargo area and reloaded the containers for continuing transportation. All material generated as a result of this incident was sent for disposal to a fully licensed waste management facility.

SUPPLEMENTAL REPORT.

NOTE: THIS IS A DUPLICATE REPORT OF E-2008110006 TRACKING NUMBER 460616.

A box truck, proceeding from the point of pickup to the intended waste disposal facility, braked hard in traffic, causing a 250gl tote to shift forward in the

load, striking a pallet jack. A puncture hole occurred in the tote caused by the handle of the pallet jack. The driver immediately pulled off of the road into

a parking lot, donned the appropriate PPE and contained the spill with absorbent material in his spill kit. The police, fire, Illinois Department of Transportation (report#20081573), and Clean Harbors emergency response team were all immediately notified. The Police and Fire Depts arrived on the

scene but did not participate in the clean up. The emergency response personnel cleaned up the spill with the appropriate absorbent material, packing it

into drums and cleaning up the pavement where the spill had been contained. There were no waterways or drains affected. The truck was loaded with all

cleanup materials and continued to the intended waste disposal facility.

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:

REPORT 1

It was determined that the driver of the vehicle failed to adequately secure and position the materials accepted for transportation. The driver has been retrained to insure that proper and effective blocking and bracing techniques are used for all future shipments and the devices used must be able to prevent any movement during normal traffic conditions which include hard braking events. This is to include any supplies and/or equipment carried in the cargo portion of the vehicle. In addition, the driver has been made aware that a repeat event will result in appropriate disciplinary action.

SUPPLEMENTAL REPORT

All parties involved in the loading of the truck were retrained in proper loading and securing of all items in the vehicle. Upon departure, the driver had secured the pallet jack and the totes, but it was inadequate for the shifting of the load which subsequently occurred.

PART VIII - CONTACT INFORMATION

Contact's Name:	Anthony P. Cellucci
Contact's Title:	Vice President, Transportation Compliance
Business Name and Address:	CleanHarbors Environmental Services, Inc. 42 Longwater Drive NORWELL MA 02061
E-mail Address:	anthony.cellucci@cleanharbors.com
Telephone Number:	781-792-7560
Fax Number:	781-792-5901
Hazmat Registration Number:	
Date:	11/14/2008
Preparer is:	Carrier

01/10/2008