



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-1993080729
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 06/22/1993
4. Time of Incident (use 24-hour time): 21:00
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: SEYMOUR
County: WEBSTER
State: MO
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 237
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: BURLINGTON NORTHERN RR CO
Street: 777 MAIN STREET
City: FORT WORTH
State: TX
Zip Code: 761025384
Federal DOT Id Number: BN
Hazmat Registration Number:
11. Shipper/Officer:
Name: OCCIDENTAL CHEMICAL CO
Street:
City: WEST OCCIDENTAL
State: FL
Zip Code:
Waybill/Shipping Paper: CSXTW/B157828
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street:
City: HORN
State: MO
Zip Code:
14. Proper Shipping Name of Hazardous Material: PHOSPHORIC ACID SOLUTION
15. Technical/Trade Name: PHOSPHATIC FERTILIZE
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1805

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 7594 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:

Tank Car

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: - 102-Auxiliary Valve; 103-Basic Material; 141-Piping or Fittings

How Failed: - 304-Cracked

Causes of Failure: - Derailment; Rollover Accident

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:
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: 14417 Liquid - Gallon
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: NOT REPORTED BY CARRIER
Serial Number: OCCX60658
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:

Manufacture Date:
Last Test Date:

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: | 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: \$ 56,491.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 0.00
Remediation/Cleanup Cost: \$ 198,000.00
(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): 42
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:

TRAIN 791-22 WITH 28 LOADS, 20 EMPTIES, 3,894 FEET, DERAILED ON THE 26TH THROUGH 37TH CARS, INCLUDING SIX TANK CARS LOADED WITH PHOSPHORIC ACID THAT HAD UNINTENTIONAL RELEASES. GOVERNMENTAL AGENCIES, CHEMTREC AND SHIPPERS WERE NOTIFIED. WRECKING AND ENVIRONMENTAL CONTRACTORS PROVIDED EMERGENCY RESPONSE. LADING THAT WAS NOT RELEASED WAS TRANSFERRED TO UNDAMAGED TANK CARS AND MOVED TO ORIGINAL DESTINATION.

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: S L WEATHERBY
Contact's Title: DIVISION SUPERINTENDENT
Business Name and Address:

E-mail Address:
Telephone Number: 4178643190
Fax Number:
Hazmat Registration Number:
Date: 07/19/1993
Preparer is:



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3. Date of Incident: 06/22/1993
4. Time of Incident (use 24-hour time): 21:00
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: SEYMOUR
County: WEBSTER
State: MO
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 237
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: BURLINGTON NORTHERN RR CO
Street: 777 MAIN STREET
City: FORT WORTH
State: TX
Zip Code: 761025384
Federal DOT Id Number: BN
Hazmat Registration Number:
11. Shipper/Officer:
Name: FARMLAND INDUSTRIES INC
Street:
City: GREEN BAY
State: FL
Zip Code:
Waybill/Shipping Paper: CSXTW/B863625
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street:
City: HORN
State: MO
Zip Code:
14. Proper Shipping Name of Hazardous Material: PHOSPHORIC ACID SOLUTION
15. Technical/Trade Name: PHOSPHATIC FERTILIZER
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1805

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 5643 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:

Tank Car

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: - 103-Basic Material

How Failed: - 309-Punctured

Causes of Failure: - Derailment; Rollover Accident

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:
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: 14684 Liquid - Gallon
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: NOT REPORTED BY CARRIER
Serial Number: GATX36020
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)

Manufacture Date:
Last Test Date:

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:

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 #:
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:	\$ 56,491.00
Carrier Damage:	\$ 0.00
Property Damage:	\$ 0.00
Response Cost:	\$ 0.00
Remediation/Cleanup Cost:	\$ 198,000.00

(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):	42
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:

TRAIN 791-22 WITH 28 LOADS, 20 EMPTIES, 3,894 FEET, DERAILED ON THE 26TH THROUGH 37TH CARS, INCLUDING SIX TANK CARS LOADED WITH PHOSPHORIC ACID THAT HAD UNINTENTIONAL RELEASES. GOVERNMENTAL AGENCIES, CHEMTREC AND SHIPPERS WERE NOTIFIED. WRECKING AND ENVIRONMENTAL CONTRACTORS PROVIDED EMERGENCY RESPONSE. LADING THAT WAS NOT RELEASED WAS TRANSFERRED TO UNDAMAGED TANK CARS AND MOVED TO ORIGINAL DESTINATION.

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:

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Contact's Name: S L WEATHERBY
Contact's Title: DIVISION SUPERINTENDENT
Business Name and Address:

E-mail Address:
Telephone Number: 4178643190
Fax Number:
Hazmat Registration Number:
Date: 07/19/1993
Preparer is:



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3. Date of Incident: 06/22/1993
4. Time of Incident (use 24-hour time): 21:00
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: SEYMOUR
County: WEBSTER
State: MO
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 237
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: BURLINGTON NORTHERN RR CO
Street: 777 MAIN STREET
City: FORT WORTH
State: TX
Zip Code: 761025384
Federal DOT Id Number: BN
Hazmat Registration Number:
11. Shipper/Officer:
Name: FARMLAND INDUSTRIES INC
Street:
City: GREEN BAY
State: FL
Zip Code:
Waybill/Shipping Paper: CSXTW/B863625
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street:
City: HORN
State: MO
Zip Code:
14. Proper Shipping Name of Hazardous Material: PHOSPHORIC ACID SOLUTION
15. Technical/Trade Name: PHOSPHATIC FERTILIZE
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1805

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 3399 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:

Tank Car

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: -

How Failed: -

Causes of Failure: - Derailment; Rollover Accident

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:
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: 14708 Liquid - Gallon
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: NOT REPORTED BY CARRIER
Serial Number: GATX36016
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)

Manufacture Date:
Last Test Date:

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:

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 #:
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In-house cleanup:
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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:	\$ 56,491.00
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Property Damage:	\$ 0.00
Response Cost:	\$ 0.00
Remediation/Cleanup Cost:	\$ 198,000.00

(See damage definitions in the instructions)

33a. Did the hazardous material cause or contribute to a human fatality? False

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Employees:
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If yes, how many?

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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:
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General Public:

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

If yes, provide the following information:

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Total number of employees evacuated:
Total evacuated: 0
Duration of the evacuation:

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If yes, provide the following information:

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Weather conditions:	
Vehicle overturned?	
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Describe:

PART VIII – CONTACT INFORMATION

Contact's Name: S L WEATHERBY
Contact's Title: DIVISION SUPERINTENDENT
Business Name and Address:

E-mail Address:
Telephone Number: 4178643190
Fax Number:
Hazmat Registration Number:
Date: 07/19/1993
Preparer is:



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-1993080729
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 06/22/1993
4. Time of Incident (use 24-hour time): 21:00
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: SEYMOUR
County: WEBSTER
State: MO
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 237
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: BURLINGTON NORTHERN RR CO
Street: 777 MAIN STREET
City: FORT WORTH
State: TX
Zip Code: 761025384
Federal DOT Id Number: BN
Hazmat Registration Number:
11. Shipper/Officer:
Name: FARMLAND INDUSTRIES INC
Street:
City: GREEN BAY
State: FL
Zip Code:
Waybill/Shipping Paper: CSXTW/B863625
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street:
City: HORN
State: MO
Zip Code:
14. Proper Shipping Name of Hazardous Material: PHOSPHORIC ACID SOLUTION
15. Technical/Trade Name: PHOSPHATIC FERTILIZE
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1805

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 13088 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:

Tank Car

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: - 103-Basic Material

How Failed: - 310-Ripped or Torn

Causes of Failure: - Derailment; Rollover Accident

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:
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: 14710 Liquid - Gallon
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: NOT REPORTED BY CARRIER
Serial Number: GATX36010
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)

Manufacture Date:
Last Test Date:

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:

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 #:
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:	\$ 56,491.00
Carrier Damage:	\$ 0.00
Property Damage:	\$ 0.00
Response Cost:	\$ 0.00
Remediation/Cleanup Cost:	\$ 198,000.00

(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):	42
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:

TRAIN 791-22 WITH 28 LOADS, 20 EMPTIES, 3,894 FEET, DERAILED ON THE 26TH THROUGH 37TH CARS, INCLUDING SIX TANK CARS LOADED WITH PHOSPHORIC ACID THAT HAD UNINTENTIONAL RELEASES. GOVERNMENTAL AGENCIES, CHEMTREC AND SHIPPERS WERE NOTIFIED. WRECKING AND ENVIRONMENTAL CONTRACTORS PROVIDED EMERGENCY RESPONSE. LADING THAT WAS NOT RELEASED WAS TRANSFERRED TO UNDAMAGED TANK CARS AND MOVED TO ORIGINAL DESTINATION.

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: S L WEATHERBY
Contact's Title: DIVISION SUPERINTENDENT
Business Name and Address:

E-mail Address:
Telephone Number: 4178643190
Fax Number:
Hazmat Registration Number:
Date: 07/19/1993
Preparer is:



U.S. Department of Transportation
Research and Special Programs Administration

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PART I - REPORT TYPE

1. Incident Id: I-1993080729
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 06/22/1993
4. Time of Incident (use 24-hour time): 21:00
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: SEYMOUR
County: WEBSTER
State: MO
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 237
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: BURLINGTON NORTHERN RR CO
Street: 777 MAIN STREET
City: FORT WORTH
State: TX
Zip Code: 761025384
Federal DOT Id Number: BN
Hazmat Registration Number:
11. Shipper/Officer:
Name: FARMLAND INDUSTRIES INC
Street:
City: GREEN BAY
State: FL
Zip Code:
Waybill/Shipping Paper: CSXTW/B863625
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street:
City: HORN
State: MO
Zip Code:
14. Proper Shipping Name of Hazardous Material: PHOSPHORIC ACID SOLUTION
15. Technical/Trade Name: PHOSPHATIC FERTILIZE
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1805

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 2889 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:

Tank Car

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: -

How Failed: -

Causes of Failure: - Derailment; Rollover Accident

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:
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: 14710 Liquid - Gallon
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: NOT REPORTED BY CARRIER
Serial Number: GATX27303
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)

Manufacture Date:
Last Test Date:

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:

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 #:
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:	\$ 56,491.00
Carrier Damage:	\$ 0.00
Property Damage:	\$ 0.00
Response Cost:	\$ 0.00
Remediation/Cleanup Cost:	\$ 198,000.00

(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): 42
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:

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Contact's Title: DIVISION SUPERINTENDENT
Business Name and Address:

E-mail Address:
Telephone Number: 4178643190
Fax Number:
Hazmat Registration Number:
Date: 07/19/1993
Preparer is:



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1. Incident Id: I-1993080729
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3. Date of Incident: 06/22/1993
4. Time of Incident (use 24-hour time): 21:00
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: SEYMOUR
County: WEBSTER
State: MO
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MP 237
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: BURLINGTON NORTHERN RR CO
Street: 777 MAIN STREET
City: FORT WORTH
State: TX
Zip Code: 761025384
Federal DOT Id Number: BN
Hazmat Registration Number:
11. Shipper/Officer:
Name: FARMLAND INDUSTRIES INC
Street:
City: GREEN BAY
State: FL
Zip Code:
Waybill/Shipping Paper: CSXTW/B863625
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street:
City: HORN
State: MO
Zip Code:
14. Proper Shipping Name of Hazardous Material: PHOSPHORIC ACID SOLUTION
15. Technical/Trade Name: PHOSPHATIC FERTILIZE
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1805

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 2696 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:

Tank Car

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: - 103-Basic Material

How Failed: - 309-Punctured

Causes of Failure: - Derailment; Rollover Accident

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:
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: 14710 Liquid - Gallon
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: NOT REPORTED BY CARRIER
Serial Number: GATX27298
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)

Manufacture Date:
Last Test Date:

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:

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 #:
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In-house cleanup:
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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: \$ 56,491.00
Carrier Damage: \$ 0.00
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Remediation/Cleanup Cost: \$ 198,000.00
(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:

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False

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True

If yes, provide the following information:

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Weather conditions:
Vehicle overturned?
Vehicle left roadway/track?

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If yes, was it tendered as cargo, or as passenger baggage?

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Describe:

TRAIN 791-22 WITH 28 LOADS, 20 EMPTIES, 3,894 FEET, DERAILED ON THE 26TH THROUGH 37TH CARS, INCLUDING SIX TANK CARS LOADED WITH PHOSPHORIC ACID THAT HAD UNINTENTIONAL RELEASES. GOVERNMENTAL AGENCIES, CHEMTREC AND SHIPPERS WERE NOTIFIED. WRECKING AND ENVIRONMENTAL CONTRACTORS PROVIDED EMERGENCY RESPONSE. LADING THAT WAS NOT RELEASED WAS TRANSFERRED TO UNDAMAGED TANK CARS AND MOVED TO ORIGINAL DESTINATION.

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: S L WEATHERBY
Contact's Title: DIVISION SUPERINTENDENT
Business Name and Address:

E-mail Address:
Telephone Number: 4178643190
Fax Number:
Hazmat Registration Number:
Date: 07/19/1993
Preparer is: