Facility Name: BASF Corporation Livonia Site

EPA Facility Identifier: 1000 0013 4507 Plan Sequence Number: 33927

# **Section 1. Registration Information**

#### Source Identification

**BASF Corporation Livonia Site** Facility Name:

Parent Company #1 Name: **BASF** Corporation Submission Type: Resubmission Receipt Date: June 2004 Status: Deregistered

Deregistration Effective Date: September 2007

**Facility Identification** 

Facility ID: 1000 0013 4507

**Dun and Bradstreet Numbers (DUNS)** 

Facility DUNS: 144240041

**Facility Location Address** 

Street 1: 13000 Levan Road

N/A

Street 2: City: Livonia State: ΜI 48150 ZIP: ZIP4: 1228 County: Wayne

Facility Latitude and Longitude

Latitude (decimal): 42.362500 Longitude (decimal): -083.400000

Local Emergency Planning Committee and Regulations

LEPC: Livonia LEPC

OSHA PSM: N/A **EPCRA 302:** Yes CAA Title V: N/A

#### **Process Chemicals**

Program Level: Program Level 3 process

Chemical Name: Toluene diisocyanate (unspecified

isomer) [Benzene, 1,3-diisocyanatomethyl-]

CAS Number: 26471-62-5 Flammable/Toxic: Toxic

#### **Process NAICS**

NAICS Code: 325211

NAICS Description: Plastics Material and Resin

Manufacturing

# **Section 6. Accident History**

#### Accident History ID: Accident 1

Date of Accident: September 2003

Time Accident Began (HH:MM): 09:00
NAICS Code of Process Involved: 325211

NAICS Description: Plastics Material and Resin

Manufacturing

Release Duration: 000 Hours 05 Minutes

#### Release Event

Gas Release:N/ALiquid Spill/Evaporation:YesFire:N/AExplosion:N/AUncontrolled/Runaway Reaction:N/A

#### Release Source

Storage Vessel: N/A Piping: N/A Process Vessel: N/A Transfer Hose: Yes Valve: N/A Pump: N/A Joint: N/A Other Release Source: N/A

Facility Name: BASF Corporation Livonia Site

EPA Facility Identifier: 1000 0013 4507 Plan Sequence Number: 33927

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Wind Speed: N/A

Units: Meters/second

Direction: N/A
Temperature: N/A
Atmospheric Stability Class: N/A
Precipitation Present: N/A
Unknown Weather Conditions: Yes

## **On-Site Impacts**

Employee or Contractor Deaths:

Public Responder Deaths:

Public Deaths:

Employee or Contractor Injuries:

Public Responder Injuries:

Public Injuries:

On-Site Property Damage (\$):

# **Known Off-Site Impacts**

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

### **Environmental Damage**

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

Water Contamination:

N/A

Soil Contamination:

N/A

Other Environmental Damage:

N/A

#### **Initiating Event**

Initiating Event: Human Error

#### **Contributing Factors**

**Equipment Failure:** N/A N/A Human Error: Improper Procedures: Yes Yes Overpressurization: **Upset Condition:** N/A By-Pass Condition: N/A Maintenance Activity/Inactivity: N/A Process Design Failure: N/A Unsuitable Equipment: N/A Unusual Weather Condition: N/A Management Error: N/A Other Contributing Factor: N/A

#### Off-Site Responders Notified

Off-Site Responders Notified: No, not notified

#### Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: N/A N/A Revised Maintenance: Revised Training: N/A Revised Operating Procedures: Yes New Process Controls: N/A New Mitigation Systems: N/A Revised Emergency Response Plan: N/A Changed Process: N/A Reduced Inventory: N/A N/A None: Other Changes Introduced: N/A

#### Chemicals in Accident History

Quantity Released (lbs): 35
Percent Weight: N/A

Chemical Name: Toluene diisocyanate (unspecified

isomer) [Benzene, 1,3-diisocyanatomethyl-]

CAS Number: 26471-62-5 Flammable/Toxic: Toxic

Facility Name: BASF Corporation Livonia Site

EPA Facility Identifier: 1000 0013 4507 Plan Sequence Number: 33927

#### Accident History ID: Accident 2

Date of Accident: March 2000
Time Accident Began (HH:MM): 09:00
NAICS Code of Process Involved: 325211

NAICS Description: Plastics Material and Resin

Manufacturing

Release Duration: 000 Hours 02 Minutes

#### Release Event

Gas Release:N/ALiquid Spill/Evaporation:YesFire:N/AExplosion:N/AUncontrolled/Runaway Reaction:N/A

#### Release Source

Storage Vessel: N/A Piping: N/A Process Vessel: N/A Transfer Hose: N/A Valve: Yes Pump: N/A Joint: N/A Other Release Source: N/A

#### Weather Conditions at the Time of Event

Wind Speed: N/A

Units: Meters/second

Direction:N/ATemperature:N/AAtmospheric Stability Class:N/APrecipitation Present:N/AUnknown Weather Conditions:Yes

On-Site	e Impacts
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Employee or Contractor Deaths: 0
Public Responder Deaths: 0
Public Deaths: 0
Employee or Contractor Injuries: 0
Public Responder Injuries: 0
Public Injuries: 0
On-Site Property Damage (\$): 0

# Known Off-Site Impacts

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

# **Environmental Damage**

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

N/A

Water Contamination:

N/A

Soil Contamination:

N/A

Other Environmental Damage:

N/A

## **Initiating Event**

Initiating Event:

**Equipment Failure** 

#### **Contributing Factors**

**Equipment Failure:** N/A N/A Human Error: Improper Procedures: Yes N/A Overpressurization: **Upset Condition:** N/A By-Pass Condition: N/A Maintenance Activity/Inactivity: N/A Process Design Failure: N/A Unsuitable Equipment: N/A Unusual Weather Condition: N/A Management Error: N/A Other Contributing Factor: N/A

#### Off-Site Responders Notified

Off-Site Responders Notified: No, not notified

## Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: Yes Revised Maintenance: Yes Revised Training: N/A Revised Operating Procedures: Yes New Process Controls: N/A New Mitigation Systems: N/A Revised Emergency Response Plan: N/A Changed Process: N/A Reduced Inventory: N/A N/A None: Other Changes Introduced: N/A

#### Chemicals in Accident History

Quantity Released (lbs): 30
Percent Weight: N/A

Chemical Name: Toluene diisocyanate (unspecified

isomer) [Benzene, 1,3-diisocyanatomethyl-]

CAS Number: 26471-62-5 Flammable/Toxic: Toxic

Plan Sequence Number: 33927

# **Section 9. Emergency Response**

#### Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):

Yes

Facility Plan (Does facility have its own written emergency response plan?):

Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):

Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):

Yes

Healthcare (Does facility's ER plan include information on emergency health care?):

Yes

#### **Local Agency**

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):

Livonia LEPC

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):

(734) 466-2313