(IMPORTANT: Type or print; read instructions before completing form)

Form Approved OMB Number: 2070-0092
Approval Expires: 11/92

EPA — United States Environmental Protection Agency

FORM R — TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 70765THDWCHIGHW

Chem., Cat., or Gen. Name: BENZENE

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P O. Box 3348, Merrifield, VA 22116-3348, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision:

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR: 1995

Section 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms)
[X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hearby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official
DOYLE A. HANEY, ENVIRONMENTAL MANAGER

Signature:

Date Signed: 06/27/96

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name: THE DOW CHEMICAL COMPANYLOUISIANA DIVISION

TRI Facility ID Number: 70765THDWCHIGHW

Street Address: HIGHWAY 1 SOUTH;P.O. BOX 150

City: PLAQUEMINE

County: IBERVILLE/WBR PARISH

4.1 State: LA

Zip Code: 70765-0150

Mailing Address (if different from street address): N/A

City: N/A

State: LA

Zip Code: 70765-0150

PUT LABEL HERE

DO A 05[illegible]
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EPA United States Environmental Protection Agency	EPA FORM R PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER: 70765THDWCHIGHW Chem., Cat., or Gen. Name: BENZENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [X] An entire facility	b. [ ] Part of a facility	c. [ ] Federal Facility				
4.3	Technical Contact	Name: DOYLE A. HANEY			Telephone Number (include area code): (504)353-6128			
4.4	Public Contact	Name: GERRY DAIGRE			Telephone Number (include area code): (504)353-1602			
4.5	SIC Code (4-digit)	a. 2812	b. 2821	c. 2869	d. NA	e.	f.	
4.6	Latitude and Longitude	Latitude: Degrees: 030	Minutes: 19	Seconds: 00	Longitude: Degrees: 091	Minutes: 16	Seconds: 20	
4.7	Dun & Bradstreet Number(s) (9 digits)				a. 008187080			
					b. NA			
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)				a. LAD008187080			
					b. NA			
4.9	Facility NPDES Permit Number(s) (9 characters)				a. LA0003301			
					b. LA0049638			
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)				a. NA			
					b.			

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	[ ] NA	THE DOW CHEMICAL COMPANY
5.2	Parent Company's Dun & Bradstreet Number	
	[ ] NA	(9 Digits) 001381581

EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States Environmental Protection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.	000071-43-2
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	BENZENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes."	NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)	NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

			If produce or import:
3.1	Manufacture the toxic chemical:	a. [X] Produce b. [ ] Import	c. [X] For on-site use/processing d. [X] For sale/distribution e. [X] As a byproduct f. [ ] As an impurity
3.2	Process the toxic chemical	a. [ ] As a reactant b. [ ] As a formulation component	c. [X] As an article component d. [ ] Repackaging
3.3	Otherwise use the toxic chemical:	a. [ ] As a chemical processing aid b. [X] As a manufacturing aid	c. [X] Ancillary or other use

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	08 (Enter two-digit code from instruction package.)	

EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States Environmental Protection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[ ]NA	2240	E	
5.2	Stack or point air emissions	[ ]NA	14270	O	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
MISSISSIPPI RIVER			4	M	000.00
5.3.2	Stream or Water Body Name				
NA					
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	[X]NA	NA		
5.5	Releases to land on-site				
5.5.1	Landfill	[X]NA	NA		
5.5.2	Land treatment/ application farming	[X]NA	NA		
5.5.3	Surface impoundment	[X]NA	NA		
5.5.4	Other disposal	[X]NA	NA		

[ ] Check here only if additional Section 5.3 information is provided on page 5 of this form.

 Range Codes: A = 1-10 pounds; B = 11-499 pounds; C = 500 - 999 pounds.

EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States Environmental Protection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	

6.1.B POTW Name and Location Information

6.1.B.1	POTW Name		6.1.B.2	POTW Name	
Street Address			Street Address		
City	County		City	County	
State	Zip Code		State	Zip Code	

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1] (example: 1,2,3,etc.)

 Range Codes: A = 1-10 pounds; B = 11-499 pounds; C = 500 - 999 pounds.

EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States Environmental Protection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City | County

State | Zip Code | Is location under control of reporting [ ] YES [ ] NO

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City | County

State | Zip Code | Is location under control of reporting [ ] YES [ ] NO

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)

 Range Codes: A = 1-10 pounds; B = 11-499 pounds; C = 500 - 999 pounds.

EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States Environmental Protection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 P21; 2 NA; 3; 4; 5; 6; 7; 8	7A.1c	7A.1d	7A.1e
A		1	098.00 %	Yes [ ] No [X]
7A.2a	7A.2b: 1 A02; 2 NA; 3; 4; 5; 6; 7; 8	7A.2c	7A.2d	7A.2e
A		3	065.00 %	Yes [ ] No [X]
7A.3a	7A.3b: 1 A02; 2 NA; 3; 4; 5; 6; 7; 8	7A.3c	7A.3d	7A.3e
A		3	025.00 %	Yes [ ] No [X]
7A.4a	7A.4b: 1 P11; 2 NA; 3; 4; 5; 6; 7; 8	7A.4c	7A.4d	7A.4e
W		3	000.00 %	Yes [ ] No [X]
7A.5a	7A.5b: 1 B11; 2 NA; 3; 4; 5; 6; 7; 8	7A.5c	7A.5d	7A.5e
W		3	095.00 %	Yes [ ] No [X]

If additional pages are attached, indicate the total number of pages in this box [3] and indicate which page this is, here [1].

EPA

United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 70765THDWCHIGHW

Chem., Cat., or Gen. Name: BENZENE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 F11, 2 NA	7A.1c	7A.1d	7A.1e
S		2	099.99 %	Yes [X] No [ ]
7A.2a	7A.2b: 1 F11, 2 NA	7A.2c	7A.2d	7A.2e
L		2	099.99 %	Yes [X] No [ ]
7A.3a	7A.3b: 1 A07, 2 NA	7A.3c	7A.3d	7A.3e
A		2	095.00 %	Yes [ ] No [X]
7A.4a	7A.4b: 1 F99, 2 NA	7A.4c	7A.4d	7A.4e
A		2	099.90 %	Yes [X] No [ ]
7A.5a	7A.5b: 1 A01, 2 NA	7A.5c	7A.5d	7A.5e
A		2	099.99 %	Yes [ ] No [X]

If additional pages are attached, indicate the total number of pages in this box [3] and indicate which page this is, here [2].

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EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States 'nvironmental rotection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
L	1 F99 2 A04 3 A03 4 C99 5 C11 6 NA 7 8	2	099.99 %	Yes [X] No [ ]
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
W	1 P42 2 NA 3 4 5 6 7 8	3	099.00 %	Yes [X] No [ ]
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
W	1 P49 2 NA 3 4 5 6 7 8	3	099.00 %	Yes [X] No [ ]
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
NA	1 2 3 4 5 6 7 8		. %	Yes [ ] No [ ]
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 2 3 4 5 6 7 8		%	Yes [ ] No [ ]

If additional pages are attached, indicate the total number of pages in this box [3] and indicate which page this is, here [3].

EPA

United States Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 70765THDWCHIGHW

Chem., Cat., or Gen. Name: BENZENE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

[ ] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1	2	3	4
U03	NA		

Section 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1	2	3	4	5
NA				

6	7	8	9	10

EPA	EPA FORM R	TRI FACILITY ID NUMBER
United States Environmental Protection Agency	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	70765THDWCHIGHW
		Chem., Cat., or Gen. Name
		BENZENE

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All estimates can be reported using up to two significant figures.	Column A 1994 (pounds/year)	Column B 1995 (pounds/year)	Column C 1996 (pounds/year)	Column D 1997 (pounds/year)
8.1	Quantity released *	49000	16500	16500	16500
8.2	Quantity used for energy recovery on-site	0	661000	661000	661000
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	29000	699000	699000	699000
8.7	Quantity treated off-site	0	0	0	0

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production Ratio or Activity Index	0001.09

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" In Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	[ ]	[X]

* Report releases pursuant to EPRCA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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