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
Toxic Chemical, Category, or Generic 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

1994

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 hereby 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: Doyle A. Haney

Date Signed: 06/30/95

SECTION 4. FACILITY IDENTIFICATION

4.1 Facility or Establishment Name: THE DOW CHEMICAL COMPANY LOUISIANA DIVISION

TRI Facility ID Number: 70765THDWCHIGHW

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

City: PLAQUEMINE

County: IBERVILLE/WBR PARISH

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

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER	Toxic Chemical, Category, or Generic Name
70765THDWCHIGHW	BENZENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check a or b; check c if applicable)	a. [X] An entire facility	b. [ ] Part of a facility	c. [ ] A Federal Facility			
4.3	Technical Contact	Name: DOYLE A. HANEY				Telephone Number (Include area code): (504) 383-6128	
4.4	Public Contact	Name: GUY S. BARONE				Telephone Number (Include area code): (504) 383-8236	
4.5	SIC Code (4-digit)	a. 2812	b. 2821	c. 2869	d. NA	e.	f.
4.6	Latitude and Longitude	Latitude Degrees: 030	Latitude Minutes: 19	Latitude Seconds: 00	Longitude Degrees: 091	Longitude Minutes: 18	Longitude 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

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
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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. Enter category code if reporting a chemical category.)
	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." Generic Name must be structurally descriptive.)
	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: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)
	NA

SECTION 3. ACTIVITIES AND USES OF THE TOXIC 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. [ ] For on-site use/processing d. [X] For sale/distribution e. [X] As a byproduct f. [X] As an impurity
3.2	Process the toxic chemical:	a. [ ] As a reactant b. [ ] As a formulation component	c. [ ] As an article component d. [ ] Repackaging
3.3	Otherwise use the toxic chemical:	a. [ ] As a chemical processing aid b. [ ] As a manufacturing aid	c. [ ] Ancillary or other use

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

4.1	09	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
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SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (lbs/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	15000	E	
5.2	Stack or point air emissions	☐ NA	34000	0	
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				. %
5.3.3	Stream or Water Body Name				. %
5.4	Underground injections n-site	☒ NA	NA		
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA	NA		
5.5.2	Land treatment/ application farming	☒ NA	NA		
5.5.3	Surface impoundment	☒ NA	NA		
5.5.4	Other disposal	☒ 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.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

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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)

.1.A T tal 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.01 POTW Name		6.1.B.02 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.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

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SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

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

Off-Site Location Name: NA

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ 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. NA	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.02 Off-site EPA Identification Number (RCRA ID No.):

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ 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, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

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

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
70765THDWCHIGHW
Toxic Chemical, Category, or Generic Name
BENZENE

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

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

a. General Waste Stream (enter code)	b. Treatment Method(s) Sequence (enter 3-character code(s))								c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.01a	7A.01b	1	P21	2	NA				7A.01c	7A.01d	7A.01e
A		3		4		5			1	98.00 %	Yes ☐ No ☒
		6		7		8					
7A.02a	7A.02b	1	A02	2	NA				7A.02c	7A.02d	7A.02e
A		3		4		5			3	65.00 %	Yes ☐ No ☒
		6		7		8					
7A.03a	7A.03b	1	A02	2	NA				7A.03c	7A.03d	7A.03e
A		3		4		5			3	25.00 %	Yes ☐ No ☒
		6		7		8					
7A.04a	7A.04b	1	P11	2	NA				7A.04c	7A.04d	7A.04e
W		3		4		5			3	0.00 %	Yes ☐ No ☒
		6		7		8					
7A.05a	7A.05b	1	B11	2	NA				7A.05c	7A.05d	7A.05e
W		3		4		5			3	95.00 %	Yes ☐ No ☒
		6		7		8					

If additional copies of page 7 are attached, indicate the total number of pages in this box 03 and indicate which page 7 this is, here. 1 (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
70765THDWCHICHW
Toxic Chemical, Category, or Generic Name
BENZENE

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

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

a. General Waste Stream (enter code)	b. Treatment Method(s) Sequence (enter 3-character code(s))	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.06a	7A.06b 1: F11 2: NA	7A.06c	7A.06d	7A.06e
S	3: 4: 5: 6: 7: 8:	2	99.99 %	Yes: X No:
7A.07a	7A.07b 1: F11 2: NA	7A.07c	7A.07d	7A.07e
L	3: 4: 5: 6: 7: 8:	2	99.99 %	Yes: X No:
7A.08a	7A.08b 1: A07 2: NA	7A.08c	7A.08d	7A.08e
A	3: 4: 5: 6: 7: 8:	2	95.00 %	Yes: No: X
7A.09a	7A.09b 1: F99 2: NA	7A.09c	7A.09d	7A.09e
A	3: 4: 5: 6: 7: 8:	2	99.90 %	Yes: X No:
7A.10a	7A.10b 1: A01 2: NA	7A.10c	7A.10d	7A.10e
A	3: 4: 5: 6: 7: 8:	2	99.99 %	Yes: No: X

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
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BENZENE

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

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

a. General Waste Stream (enter code)	b. Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.11a	7A.11b 1: F99 2: A04 3: A05 4: C99 5: C11 6: NA 7: 8:	7A.11c	7A.11d	7A.11e
L		2	99.99 %	Yes [X] No [ ]
7A.12a	7A.12b 1: P42 2: NA 3: 4: 5: 6: 7: 8:	7A.12c	7A.12d	7A.12e
W		3	99.00 %	Yes [X] No [ ]
7A.13a	7A.13b 1: P49 2: NA 3: 4: 5: 6: 7: 8:	7A.13c	7A.13d	7A.13e
W		3	99.00 %	Yes [X] No [ ]
7A.14a	7A.14b 1: 2: 3: 4: 5: 6: 7: 8:	7A.14c	7A.14d	7A.14e
NA			0.00 %	Yes [ ] No [ ]
7A.15a	7A.15b 1: 2: 3: 4: 5: 6: 7: 8:	7A.15c	7A.15d	7A.15e
			0.00 %	Yes [ ] No [ ]

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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
NA			

SECTION 7C. ON-SITE RECYCLING PROCESSES

☒ 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

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
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SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1993 (pounds/year)	Column B 1994 (pounds/year)	Column C 1995 (pounds/year)	Column D 1996 (pounds/year)
8.1	Quantity released *	40000	49000	49000	49000
8.2	Quantity used for energy rec very on-site	2200	0	0	0
8.3	Quantity used for energy rec very 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	2300000	29000	29000	29000
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				1.09

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			
8.10.2				
8.10.3				
8.10.4				

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

* Report releases pursuant to EPCRA 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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