

**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

ETHYLENE

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

For EPA use only

PART I. FACILITY IDENTIFICATION INFORMATION**SECTION 1.
REPORTING
YEAR**

1996

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)☒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

Date Signed

07-24-97

SECTION 4. FACILITY IDENTIFICATION

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/WR PAR

State

LA

Zip Code

70765-0150

4.1

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

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SECTION 4. FACILITY IDENTIFICATION (continued)

4.2	This report contains information for: (Important check a <u>or</u> b; check c if applicable)		a. ☒ 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) 353-6128	
4.4		Public Contact	Name	DONNA CARVILLE				Telephone number (include area code) (504) 353-1824
4.5	SIC Code (4-digit)		a. 2812	b. 2821	c. 2869	d. NA	e.	f.
4.6	Latitude and Longitude	Latitude			Longitude			
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
		030	19	00	091	16	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	001381581

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER

70765THDWCHIGHW

Toxic Chemical, Category or Generic Name

ETHYLENE

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.)
	000074851
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	ETHYLENE
1.3	Generic Chemical Name (Important: Complete only if Part 1, 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.)

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

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

4.1	06	(Enter two-digit code from instruction package.)
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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

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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. % Fr m Stormwat r
5.1	Fugitive or non-point air emissions	☐ NA	58400	E	
5.2	Stack or point air emissions	☐ NA	527000	O	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1 Stream or Water Body Name					
NA					
5.3.2 Stream or Water Body Name					
5.3.3 Stream or Water Body Name					
5.4.1	Underground injections on-site to Class I Wells	☒ NA			
5.4.2	Underground injections on-site to Class II-V Wells	☒ NA			
5.5	Disposal to land on-site				
5.5.1A	RCRA Subtitle C landfills	☒ NA			
5.5.1B	Other landfills	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐

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

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

Toxic Chemical, Category or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS**6.2.1**

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.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS**6.2.2**

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.

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



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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

70765THDWCHIGHW

Toxic Chemical, Category or Generic Name

ETHYLENE

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 Waste 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.1a	7A.1b	7A.1c	7A.1d	7A.1e
	1 P21 2 NA			
A	3 4 5 6 7 8	1	99 %	Yes ☐ No ☒
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 A01 2 NA			
A	3 4 5 6 7 8	1	99 %	Yes ☐ No ☒
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 A01 2 NA			
A	3 4 5 6 7 8	1	98 %	Yes ☐ No ☒
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 F99 2 A04			
A	3 A03 4 C99 5 C11 6 NA 7 8	1	99.99 %	Yes ☒ No ☐
7A.5a	7A.5b	7A.5c	7A.5d	7A.5
	1 A03 2 NA			
A	3 4 5 6 7 8	1	0 %	Yes ☐ No ☒

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

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PART II. CHEMICAL-SPECIFIC
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Toxic Chemical, Category or Generic Name

ETHYLENE

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

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 Streamwater
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)		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

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



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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

70765THDWCHIGHW

Toxic Chemical, Category or Genenc Name

ETHYLENE

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. Waste 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.1a	7A.1b 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1
NA			0 %	Yes ☐ No ☐
7A.2a	7A.2b 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes ☐ No ☐
7A.3a	7A.3b 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3
			%	Yes ☐ N ☐
7A.4a	7A.4b 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes ☐ No ☐
7A.5a	7A.5b 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5
			%	Yes ☐ No ☐

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PART II. CHEMICAL-SPECIFIC
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TRI FACILITY ID NUMBER

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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.

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. 6. 7. 8. 9. 10. DO A 055334
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INFORMATION (CONTINUED)

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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
Prior Year
(pounds/year) | Column B
Current
Reporting Year
(pounds/year) | Column C
Following Year
(pounds/year) | Column D
Second
Following Year
(pounds/year) |
|---|--|--|--|---|---|
| 8.1 | Quantity released* | 581000 | 585000 | 585000 | 585000 |
| 8.2 | Quantity used for energy recovery on-site | 0 | 0 | 0 | 0 |
| 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 | 11500000 | 12437000 | 12437000 | 12437000 |
| 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. | |
| 8.11 | Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box) | | | YES
☐ | NO
☒ |

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.