

**EPA**
United States
Environmental Protection
Agency**FORM R** TOXIC CHEMICAL RELEASE
INVENTORY REPORTING FORMSection 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

1,1,2-TRICHLOROETHAN

**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**

1992

SECTION 2. TRADE SECRET INFORMATION

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)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

STANLEY G. COLE, ENVIRONMENTAL MANAGER

Signature

Date Signed

07/01/93

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/W.B.R.

State

LA

Zip Code

707650150

Mailing Address (if different from street address)

NA

City

State

Zip Code

PUT LABEL HERE



EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
70765THDWCHIGHW
Toxic Chemical, Category, or Generic Name
1,1,2-TRICHLOROETHAN

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. ☒ An entire facility b. ☐ Part of a facility																							
4.3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Technical Contact</td> <td style="padding: 2px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Name</td> <td style="padding: 2px;">STANLEY G. COLE</td> </tr> </table> </td> <td style="padding: 2px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Telephone Number (include area code)</td> <td style="padding: 2px;">(504) 389-6131</td> </tr> </table> </td> </tr> </table>	Technical Contact	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Name</td> <td style="padding: 2px;">STANLEY G. COLE</td> </tr> </table>	Name	STANLEY G. COLE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Telephone Number (include area code)</td> <td style="padding: 2px;">(504) 389-6131</td> </tr> </table>	Telephone Number (include area code)	(504) 389-6131																	
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4.6	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="3" style="width: 20%; padding: 2px; vertical-align: middle;">Latitude and Longitude</td> <td colspan="3" style="padding: 2px; text-align: center;">Latitude</td> <td colspan="3" style="padding: 2px; text-align: center;">Longitude</td> </tr> <tr> <td style="padding: 2px; text-align: center;">Degrees</td> <td style="padding: 2px; text-align: center;">Minutes</td> <td style="padding: 2px; text-align: center;">Seconds</td> <td style="padding: 2px; text-align: center;">Degrees</td> <td style="padding: 2px; text-align: center;">Minutes</td> <td style="padding: 2px; text-align: center;">Seconds</td> </tr> <tr> <td style="padding: 2px; text-align: center;">030</td> <td style="padding: 2px; text-align: center;">19</td> <td style="padding: 2px; text-align: center;">00</td> <td style="padding: 2px; text-align: center;">091</td> <td style="padding: 2px; text-align: center;">16</td> <td style="padding: 2px; text-align: center;">20</td> </tr> </table>						Latitude and Longitude	Latitude			Longitude			Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	030	19	00	091	16	20
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Parent Company's Dun & Bradstreet Number</td> <td style="padding: 2px;"> ☐ NA (9 digits) 001381581 </td> </tr> </table>	Parent Company's Dun & Bradstreet Number	☐ NA (9 digits) 001381581
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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
70768THDWCHHW
Toxic Chemical, Category, or Generic Name
1,1,2-TRICHLOROETHANE

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

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.) 000079-00-5
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) 1,1,2-TRICHLOROETHANE
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
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SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☒ Produce b. ☐ Import If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☒ As a byproduct f. ☐ 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	05 (Enter two-digit code from instruction package.)
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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

70765THDWCHICHV

Toxic Chemical, Category, or Generic Name

1,1,2-TRICHLOROETHAN

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	610	E	
5.2	Stack or point air emissions	☐ NA	1900	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			600	M	000.00%
5.3.2 Stream or Water Body Name					
A					. %
5.3.3 Stream or Water Body Name					
					. %
5.4	Underground injections on-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	0	0	

☒

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



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
70765THDWCHGW
Toxic Chemical, Category, or Generic Name
1,1,2-TRICHLOROETHAN

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			. x
5.3.5	Stream or Water Body Name			. x
5.3.6	Stream or Water Body Name			. x

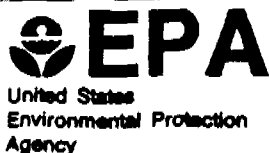
SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

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.01 POTW Name	6.1.B.02 POTW Name
Street Address	Street Address
City	City
County	County
State	State
Zip Code	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 01 and indicate which Part II, Sections 5.3/6.1 page this is, here. 1
(example: 1, 2, 3, etc.)



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

70765THDWCRIGHW

Toxic Chemical, Category, or Generic Name

1,1,2-TRICHLOROETHAN

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.01

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 ☐ NoA. 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

6.2.02

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 ☐ NoA. 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 **00** and indicate which Part II, Section 6.2 page this is, here. **1** (example: 1, 2, 3, etc.)



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
70765THDWCHIGHW
Toxic Chemical, Category, or Specific Name
1,1,2-TRICHLOROETHAN

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	A02	2	NA	7A.01c	7A.01d	7A.01e	
A	3		4		5	2	065.00%	Yes No	
	6		7		8			☐ ☒	
7A.02a	7A.02b	1	A02	2	NA	7A.02c	7A.02d	7A.02e	
A	3		4		5	1	060.00%	Yes No	
	6		7		8			☐ ☒	
7A.03a	7A.03b	1	A02	2	NA	7A.03c	7A.03d	7A.03e	
A	3		4		5	1	025.00%	Yes No	
	6		7		8			☐ ☒	
7A.04a	7A.04b	1	F11	2	NA	7A.04c	7A.04d	7A.04e	
S	3		4		5	2	099.99%	Yes No	
	6		7		8			☒ ☐	
7A.05a	7A.05b	1	F99	2	A04	7A.05c	7A.05d	7A.05	
A	3	A03	4	C99	5	C11	1	099.99%	Yes No
	6	NA	7		8	☒ ☐			

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



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TWM FACILITY ID NUMBER
70765THDWCHIGHW
Toxic Chemical, Category, or Generic Name
1,1,2-TRICHLOROETHAN

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 F99 2 A04	7A.06c	7A.06d	7A.06
L	3 A03 4 C99 5 C11	1	099.99%	Yes No
	6 NA 7 8			☒ ☐
7A.07a	7A.07b 1 A07 2 NA	7A.07c	7A.07d	7A.07e
A	3 4 5	2	095.00%	Yes No
	6 7 8			☐ ☒
7A.08a	7A.08b 1 F01 2 NA	7A.08c	7A.08d	7A.08e
L	3 4 5	1	099.99%	Yes No
	6 7 8			☒ ☐
7A.09a	7A.09b 1 P41 2 NA	7A.09c	7A.09d	7A.09e
W	3 4 5	3	099.00%	Yes No
	6 7 8			☐ ☒
7A.10a	7A.10b 1 P42 2 NA	7A.10c	7A.10d	7A.10e
W	3 4 5	2	099.00%	Yes No
	6 7 8			☐ ☒

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.)



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TIN FACILITY ID NUMBER

70765THDWCHIGHW

Toxic Chemical, Category, or Generic Name

1,1,2-TRICHLOROETHAN

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	C11	2	NA	7A.11c	7A.11d	7A.11e	
V	3		4		5		z	099.90%	Yes ☐ No ☒
	6		7		8				
7A.12a	7A.12b	1		2		7A.12c	7A.12d	7A.12e	
NA	3		4		5			. x	Yes ☐ No ☐
	6		7		8				
7A.13a	7A.13b	1		2		7A.13c	7A.13d	7A.13e	
	3		4		5			. x	Yes ☐ No ☐
	6		7		8				
7A.14a	7A.14b	1		2		7A.14c	7A.14d	7A.14e	
	3		4		5			. x	Yes ☐ No ☐
	6		7		8				
7A.15a	7A.15b	1		2		7A.15c	7A.15d	7A.15e	
	3		4		5			. x	Yes ☐ No ☐
	6		7		8				

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



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

70765THDWCHGW

Toxic Chemical, Category, or Specific Name

1,1,2-TRICHLOROETHAN

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 U03

2 NA

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 NA

2

3

4

5

6

7

8

9

10

DO A 051412
CONFIDENTIAL



EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

70768THDWCHIGHW

Toxic Chemical, Category, or Generic Name

1,1,2-TRICHLOROETHAN

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

<i>All quantity estimates can be reported using up to two significant figures.</i>		Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	4100	3100	3100	3100
8.2	Quantity used for energy recovery on-site	1300000	70000	70000	70000
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	9300000	7200000	7200000	7200000
8.7	Quantity treated off-site	2500	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				1.00
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	W39	T01	NA		
8.10.2	NA				
8.10.3					
8.10.4					
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(b) 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.