## SECTION 1. REPORTING YEAR

### SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 2 trade secret?

- [ ] Yes (Answer question 2.2; Attach substantiation forms)
- [ ] No (Do not answer 2.2; Go to Section 3)

2.2 Is this copy

- [ ] Sanitized
- [ ] Unsanitized

(Answer only if “YES” in 2.1)

### SECTION 3. CERTIFICATION

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: ________________

Signature: ________________ Date Signed: ________________

### SECTION 4. FACILITY IDENTIFICATION

4.1 TRI Facility ID Number

Facility or Establishment Name

Facility or Establishment Name or Mailing Address (If different from street address)

Street

Mailing Address

City/County/State/Zip Code

Country (Non-US)

4.2 This report contains information for:

- [ ] An entire facility
- [ ] Part of a facility
- [ ] A Federal facility
- [ ] GOCO

4.3 Technical Contact Name

Email Address

4.4 Public Contact Name

Telephone Number (include area code)

4.5 SIC Code (s) (4 digits)

- [ ] Primary
- [ ] a.
- [ ] b.
- [ ] c.
- [ ] d.
- [ ] e.
- [ ] f.

4.7 Dun & Bradstreet Number (s) (9 digits)

- [ ] a.
- [ ] b.

### SECTION 5. PARENT COMPANY INFORMATION

5.1 Name of Parent Company

NA

5.2 Parent Company’s Dun & Bradstreet Number

NA

EPA Form 9350-1 (Rev. 08/2005) - Previous editions are obsolete.
FORM R
PART II. TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

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

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

1.3 Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked “yes”. Generic Name must be structurally descriptive.)

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category.
(If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)

<p>| | | | | | | | | | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2.1 Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces and punctuation.)

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

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
e. As an impurity

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 ONSITE AT ANY TIME DURING THE CALENDAR YEAR

4.1 (Enter two digit code from instruction package.)

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE

A. Total Release (pounds/year*)
(Enter a range code** or estimate)

B. Basis of Estimate (enter code)

C. % From Stormwater

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1</td>
<td>Fugitive or non-point air emissions</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.2</td>
<td>Stack or point air emissions</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.3</td>
<td>Discharges to receiving streams or water bodies (enter one name per box)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stream or Water Body Name

5.3.1

5.3.2

5.3.3

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

*For Dioxin or Dioxin-like compounds, report in grams/year.

** Range Codes: A= 1-10 pounds; B= 11-499 pounds; C= 500-999 pounds.
### SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (continued)

<table>
<thead>
<tr>
<th></th>
<th>NA</th>
<th>A. Total Release (pounds/year*) (enter range code ** or estimate)</th>
<th>B. Basis of Estimate (enter code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.4.1</td>
<td>Underground Injection onsite to Class I Wells</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.4.2</td>
<td>Underground Injection onsite to Class II-V Wells</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5</td>
<td>Disposal to land onsite</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5.1A</td>
<td>RCRA Subtitle C landfills</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5.1B</td>
<td>Other landfills</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5.2</td>
<td>Land treatment/application farming</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5.3A</td>
<td>RCRA Subtitle C surface impoundments</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5.3B</td>
<td>Other surface impoundments</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>5.5.4</td>
<td>Other disposal</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

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

#### 6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)

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)

<table>
<thead>
<tr>
<th></th>
<th>POTW Name</th>
<th>POTW Address</th>
<th>City</th>
<th>State</th>
<th>County</th>
<th>Zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1.B</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>6.1.B</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages in this box [ ] and indicate the Part II, Section 6.1 page number in this box [ ] (example: 1,2,3, etc.)

#### 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-Site EPA Identification Number (RCRA ID No.)

<table>
<thead>
<tr>
<th></th>
<th>Off-Site Location Name</th>
<th>Off-Site Address</th>
<th>City</th>
<th>State</th>
<th>County</th>
<th>Zip</th>
<th>Country (Non-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

---

*For Dioxin or Dioxin-like compounds, report in grams/year

**Range Codes: A=1-10 pounds; B=1-499 pounds; C=500-999 pounds.
### SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (CONTINUED)

<table>
<thead>
<tr>
<th></th>
<th>A. Total Transfers (pounds/year*)</th>
<th>B. Basis of Estimate (enter code)</th>
<th>C. Type of Waste Treatment/Disposal/Recycling/Energy Recovery (enter code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td>1.</td>
<td>1. M</td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td>2.</td>
<td>2. M</td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td>3.</td>
<td>3. M</td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td>4.</td>
<td>4. M</td>
</tr>
</tbody>
</table>

#### 6.2 Off-Site EPA Identification Number (RCRA ID No.)

**Off-Site Location Name**

**Off-Site Address**

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>County</th>
<th>Zip</th>
<th>Country (Non-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Is location under control of reporting facility or parent company?**

- Yes
- No

<table>
<thead>
<tr>
<th>A. Total Transfers (pounds/year*)</th>
<th>B. Basis of Estimate (enter code)</th>
<th>C. Type of Waste Treatment/Disposal/Recycling/Energy Recovery (enter code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.</td>
<td>1. M</td>
</tr>
<tr>
<td>2.</td>
<td>2.</td>
<td>2. M</td>
</tr>
<tr>
<td>3.</td>
<td>3.</td>
<td>3. M</td>
</tr>
<tr>
<td>4.</td>
<td>4.</td>
<td>4. M</td>
</tr>
</tbody>
</table>

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

- Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

<table>
<thead>
<tr>
<th>a. General Waste Stream [enter code]</th>
<th>b. Waste Treatment Method(s) Sequence [enter 3- or 4- character code(s)]</th>
<th>d. Waste Treatment Efficiency [enter 2 character code]</th>
</tr>
</thead>
<tbody>
<tr>
<td>7A.1a 7A.1b</td>
<td>1 2</td>
<td>7A.1d</td>
</tr>
<tr>
<td>3 4 5 6 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7A.2a 7A.2b</td>
<td>1 2</td>
<td>7A.2d</td>
</tr>
<tr>
<td>3 4 5 6 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7A.3a 7A.3b</td>
<td>1 2</td>
<td>7A.3d</td>
</tr>
<tr>
<td>3 4 5 6 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7A.4a 7A.4b</td>
<td>1 2</td>
<td>7A.4d</td>
</tr>
<tr>
<td>3 4 5 6 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7A.5a 7A.5b</td>
<td>1 2</td>
<td>7A.5d</td>
</tr>
<tr>
<td>3 4 5 6 7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7 page number in this box: (example: 1,2,3, etc.)

*For Dioxin or Dioxin-like compounds, report in grams/year

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

---

**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. [ ]

---

**SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES**

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
<th>Column C</th>
<th>Column D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior Year (pounds/year*)</td>
<td>Current Reporting Year (pounds/year*)</td>
<td>Following Year (pounds/year*)</td>
<td>Second Following Year (pounds/year*)</td>
</tr>
</tbody>
</table>

8.1 Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills

8.1a Total other on-site disposal or other releases

8.1b Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills

8.1c Total other off-site disposal or other releases

8.2 Quantity used for energy recovery onsite

8.3 Quantity used for energy recovery offsite

8.4 Quantity recycled onsite

8.5 Quantity recycled offsite

8.6 Quantity treated onsite

8.7 Quantity treated offsite

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*)

8.9 Production ratio or activity index

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)]

<table>
<thead>
<tr>
<th>Methods to Identify Activity (enter codes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
</tr>
<tr>
<td>b.</td>
</tr>
<tr>
<td>c.</td>
</tr>
</tbody>
</table>

8.10.1

8.10.2

8.10.3

8.10.4

8.11 If you wish to submit additional optional information on source reduction, recycling, or pollution control activities, check “Yes.”

---

*For Dioxin or Dioxin-like compounds, report in grams/year