

Form Status: Available for Editing

Validation Status: Passed with Possible Errors

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(IMPORTANT: Read instructions before completing form; type or use fill-and-print form)

Form Approved OMB Number: **2025-0009**

Approval Expires: **10/31/2014**

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EPA United States Environmental Protection Agency	<h2 style="margin:0;">FORM R</h2> 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 <hr/> <p align="center">60510FRMNTKIRKR</p> <hr/> Toxic Chemical, Category, or Generic Name <hr/> <p align="center">Ethylene glycol</p>
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WHERE TO SEND COMPLETED FORMS:	1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 <p align="center">*** Draft Form Only: Do Not Submit to EPA ***</p>	2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)
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This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:	Revision (Enter up to two code(s)) [] []	Withdrawal (Enter up to two code(s)) [] []
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Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.

Part I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR : **2011**

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer questions 2.2; attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; go to Section 3)	2.2 Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "Yes" in 2.1)
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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:	Signature:	Date Signed:
Draft Form Only: Do Not Submit to EPA	Draft Form Only: Do Not Submit to EPA	XX/XX/XXXX

SECTION 4. FACILITY IDENTIFICATION

4.1		TRI Facility ID Number	60510FRMNTKIRKR
Facility or Establishment Name U.S. DOE FERMLAB			
Street KIRK RD & PINE ST		Mailing Address (if different from physical street address) PO BOX 2000	
City/County/State/ZIP Code BATAVIA / Kane / IL / 605102000		City/State/ZIP Code BATAVIA / IL / 605102000	Country (Non-US)

4.2	This report contains information for : (Important: check a or b; check c or d if applicable)	a. <input checked="" type="checkbox"/> An Entire facility	b. <input type="checkbox"/> Part of a facility	c. <input checked="" type="checkbox"/> A Federal facility	d. <input type="checkbox"/> GOCO
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4.3	Technical Contact name	RICK HERSEMANN	Email Address RICK.HERSEMANN@CH.DOE.GOV	Telephone Number (include area code) 6308404122			
4.4	Public Contact name	SANDRA GEIB-INGRAM	Email Address sandra.geib@ch.doe.gov	Telephone Number (include area code) 6302522420			
4.5	NAICS Code(s) (6 digits)	a. 541712 (Primary)	b.	c.	d.	e.	f.

4.6	Dun and Bradstreet Number(s) (9 digits)
	a. NA
	b.

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of U.S. Parent Company (for TRI Reporting purposes)	US DEPARTMENT OF ENERGY	No U.S. Parent Company (for TRI Reporting purposes) <input type="checkbox"/>
5.2	Parent Company's Dun & Bradstreet Number	NA <input checked="" type="checkbox"/>	

**EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION**

TRI Facility ID Number

60510FRMNTKIRKR

Toxic Chemical, Category, or Generic Name

Ethylene glycol

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you are reporting a mixture component in 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.)	107211
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	Ethylene glycol
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 completed Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, 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. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import	3.2	Process the toxic chemical: a. <input type="checkbox"/> As a reactant b. <input type="checkbox"/> As a formulation component c. <input type="checkbox"/> As an article component d. <input checked="" type="checkbox"/> Repackaging e. <input type="checkbox"/> As an impurity	3.3	Otherwise use the toxic chemical: a. <input type="checkbox"/> As a chemical processing aid b. <input type="checkbox"/> As a manufacturing aid c. <input checked="" type="checkbox"/> Ancillary or other use
If produce or import: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity					

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

4.1	[04] (Enter two-digit code from instruction package.)
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SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE

		A. Total Release (pounds/year*) (Enter range code or estimate**)	B. Basis of Estimate (Enter code)	C. Percent from Stormwater
5.1	Fugitive or non-point air emissions	NA [X]		
5.2	Stack or point air emissions	NA [X]		
5.3	Discharges to receiving streams or water bodies (Enter one name per box)	NA [X]		
Stream or Water Body Name				
5.3.1	NA			

<p>EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)</p>	<p>TRI Facility ID Number</p> <p>60510FRMNTKIRKR</p> <p>Toxic Chemical, Category, or Generic Name</p> <p>Ethylene glycol</p>
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SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE (Continued)

		NA	A. Total Release (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)
5.4.1	Underground Injection on-site to Class I wells	[X]		
5.4.2	Underground Injection on-site to Class II-V wells	[X]		
5.5	Disposal to land on-site			
5.5.1.A	RCRA subtitle C landfills	[X]		
5.5.1.B	Other landfills	[X]		
5.5.2	Land treatment/application farming	[X]		
5.5.3A	RCRA Subtitle C surface impoundments	[X]		
5.5.3B	Other surface impoundments	[X]		
5.5.4	Other disposal	[X]		

SECTION 6. TRANSFER(S) OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)	NA [X]
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*For Dioxin and Dioxin-like Compounds, report in grams/year
 **Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)	TRI Facility ID Number
	60510FRMNTKIRKR
	Toxic Chemical, Category, or Generic Name
	Ethylene glycol

6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS NA

6.2.1 Off-Site EPA Identification Number (RCRA ID No.)	NA
Off-Site Location Name:	RECYCLE TECHNOLOGIES
Off-Site Address:	298 BEINORIS DRIVE

City	WOOD DALE	County	DuPage	State	IL	Zip	60191	Country (Non-US)	
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Is location under control of reporting facility or parent company? [] Yes [] No

A. Total Transfer (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 . 3700	1 . C	1 . M26

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. Waste Treatment Efficiency Estimate
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*For Dioxin and Dioxin-like Compounds, report in grams/year
 **Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)	TRI Facility ID Number
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	Toxic Chemical, Category, or Generic Name
	Ethylene glycol

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES
 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)]

SECTION 7C. ON-SITE RECYCLING PROCESSES
 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)]

SECTION 8. DISPOSAL OR OTHER RELEASES, SOURCE REDUCTION, AND RECYCLING ACTIVITIES					
		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					
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	NA	NA	NA	NA
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	NA	NA	NA	NA
8.2	Quantity used for energy recovery on-site	NA	NA	NA	NA
8.3	Quantity used for energy recovery off-site	NA	NA	NA	NA
8.4	Quantity recycled on-site	NA	NA	NA	NA
8.5	Quantity recycled off-site	4332	3700	4000	4000
8.6	Quantity treated on-site	NA	NA	NA	NA
8.7	Quantity treated off-site	NA	NA	NA	NA
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)	NA			
8.9	Production ratio or activity index	0.92			
8.10	Did your facility engage in any newly implemented source reduction activities for this chemical during the reporting year? If so, complete the following section; if not, check NA.	NA <input checked="" type="checkbox"/>			
	Source Reduction Activities (Enter code(s))	Methods to Identify Activity (Enter code(s))			
8.10.1	NA				

TRI Facility ID Number

60510FRMNTKIRKR

Toxic Chemical, Category, or Generic Name

Ethylene glycol

Additional optional information on source reduction, recycling, or pollution control activities.

Miscellaneous, additional, or optional information regarding the Form R submission