Form Approved OMB No. 2070-0060

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**401 M Street, S.W.**
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

| | | |
|---|---|---|
| **Date** 10-21-2020 | **EPA Reg No./File Symbol** 7969-UTE | **Page** 1 **of** 5 |
| **Applicant's/Registrant's Name & Address**<br>BASF Corporation, 26 Davis Drive, P.O. Box 13528,<br>Research Triangle Park, NC 27709-3528 | **Product:**<br>**Engenia herbicide** | |

**Ingredient** N,N-Bis-(3-aminopropyl) methylamine Salt of 3,6-dichloro-o-anisic acid
CAS Registry Number 1286239-22-2

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 810.1000 | Summary data for amine salts of Dicamba:Doc ID 2010/7009194 | 48144201 | BASF Corporation | Own | |
| Supplemental | Dissociation rates of salts of Dicamba: Doc ID 2010/7008548 | 48144202 | BASF Corporation | Own | |
| | **Product Identity and Composition** | | | | |
| 830.1550 (61-1) | Product identity and composition: Doc ID 2011/7002586 | 48599301 | BASF Corporation | Own | |
| 830.1600 (61-2) | Description of materials used to produce | 48599301 | BASF Corporation | Own | |
| | the product: Doc ID 2011/7002586 | | | | |
| 830.1620 (61-2) | Description of the production process | | | | N.R.[1] |
| 830.1650 | Description of formulation process: Doc ID 2011/7002586 | 48599301 | BASF Corporation | Own | |
| 830.1670 (61-3) | Discussion of formation of impurities: Doc ID 2011/7002586 | 48599301 | BASF Corporation | Own | |
| | **Analysis and Certified Limits** | | | | |
| 830.1700 (62-1) | Preliminary Analysis | | | | N.R.[1] |
| 830.1750 (62-2) | Certified limits: Doc ID 2011/7002586 | 48599301 | BASF Corporation | Own | |
| 830.1800 (62-3) | Enforcement analytical method: Doc ID 2011/7002586 | 48599301 | BASF Corporation | Own | |
| | **Physical and Chemical Characteristics** | | | | |
| 830.6302 (63-2) | Color: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |

| | | |
|---|---|---|
| **Signature** | **Name and Title:** Jeffrey H. Birk<br>Regulatory Manager | **Date**<br>10-21-2020 |

Form Approved OMB No. 2070-0060

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**401 M Street, S.W.**
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

| | | |
|---|---|---|
| **Date** 10-21-2020 | **EPA Reg No./File Symbol** 7969-UTE | **Page** 2 **of** 5 |
| **Applicant's/Registrant's Name & Address**<br>BASF Corporation, 26 Davis Drive, P.O. Box 13528,<br>Research Triangle Park, NC 27709-3528 | **Product:**<br>**Engenia herbicide** | |

**Ingredient** N,N-Bis-(3-aminopropyl) methylamine Salt of 3,6-dichloro-o-anisic acid
CAS Registry Number 1286239-22-2

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 830.6303 (63-3) | Physical state: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |
| 830.6304 (63-4) | Odor: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |
| 830.6313 (63-13) | Stability to normal and elevated temperatures, | | | | N.R.[2] |
| | metals, and metal ions | | | | |
| 830.7300 (63-7) | Density, bulk density or specific gravity: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |
| 830.7000 (63-12) | pH: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |
| 830.6314 (63-14) | Oxidizing or reducing action: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |
| 830.6315 (63-15) | Flammability | | | | N.R.[5] |
| 830.6316 (63-16) | Explodability | | | | N.R.[5] |
| 830.6317 (63-17) | Storage stability Doc ID 2013/7000195 | 49159601 | BASF Corporation | Own | |
| 830.7100 (63-18) | Viscosity: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |
| 830.6319 (63-19) | Miscibility | | | | N.R.[3] |
| 830.6320 (63-20) | Corrosion characteristics Doc ID 2013/7000195 | 49159601 | BASF Corporation | Own | |
| 830.6321 (63-21) | Dielectric breakdown voltages | | | | N.R.[4] |
| 830 Series | Phys/Chem Properties Summary: Doc ID 2011/7004973 | 48599302 | BASF Corporation | Own | |

| | | |
|---|---|---|
| **Signature** | **Name and Title:** Jeffrey H. Birk<br>Regulatory Manager | **Date**<br>10-21-2020 |

Form Approved OMB No. 2070-0060

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**401 M Street, S.W.**
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

| | | |
|---|---|---|
| **Date** 10-21-2020 | **EPA Reg No./File Symbol** 7969-UTE | **Page** 3 **of** 5 |
| **Applicant's/Registrant's Name & Address**<br>BASF Corporation, 26 Davis Drive, P.O. Box 13528,<br>Research Triangle Park, NC 27709-3528 | **Product:**<br>**Engenia herbicide** | |

**Ingredient** N,N-Bis-(3-aminopropyl) methylamine Salt of 3,6-dichloro-o-anisic acid
CAS Registry Number 1286239-22-2

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 835.2120 (161-1) | Hydrolysis: Doc ID 2000/5000164 | 48144203 | BASF Corporation | Own | |
| 835.8100 | Field Volatility | 49937701 | BASF Corporation | Own | |
| | | 50020301 | BASF Corporation | Own | |
| | | 50112001 | BASF Corporation | Own | |
| | Large scale field drift and volatility MO: Doc ID 2019/2047383 | 51049002 | BASF Corporation | Own | |
| | Large scale field drift and volatility MS: Doc ID 2019/2047384 | 51049003 | BASF Corporation | Own | |
| | Large scale field drift and volatility IL: Doc ID 2019/2047385 | 51049004 | BASF Corporation | Own | |
| 840.1100 supplemental | Spray droplet size spectrum | 49671601 | BASF Corporation | Own | |
| | | 49671602 | BASF Corporation | Own | |
| | | 49695601 | BASF Corporation | Own | |
| | | 49696001 | BASF Corporation | Own | |
| | | 49952901 | BASF Corporation | Own | |
| | | 50106001 | BASF Corporation | Own | |
| | | 50269301 | BASF Corporation | Own | |
| | | 51338901 | BASF Corporation | Own | |

| | | |
|---|---|---|
| **Signature** | **Name and Title:** Jeffrey H. Birk<br>Regulatory Manager | **Date**<br>10-21-2020 |

Form Approved OMB No. 2070-0060

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**401 M Street, S.W.**
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

| | | |
|---|---|---|
| **Date** 10-21-2020 | **EPA Reg No./File Symbol** 7969-UTE | **Page** 4 **of** 5 |
| **Applicant's/Registrant's Name & Address**<br>BASF Corporation, 26 Davis Drive, P.O. Box 13528,<br>Research Triangle Park, NC 27709-3528 | **Product:**<br>**Engenia herbicide** | |

**Ingredient** N,N-Bis-(3-aminopropyl) methylamine Salt of 3,6-dichloro-o-anisic acid
CAS Registry Number 1286239-22-2

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 840.1200 | Large scale field drift and volatility MO: Doc ID 2019/2047383 | 51049002 | BASF Corporation | Own | |
| | Large scale field drift and volatility MS: Doc ID 2019/2047384 | 51049003 | BASF Corporation | Own | |
| | Large scale field drift and volatility IL: Doc ID 2019/2047385 | 51049004 | BASF Corporation | Own | |
| 840 Series Supplemental | Information in Response to Ninth Circuit Court Findings | 51335401 | BASF Corporation | Own | |
| 830 Series Supplemental | Physical and Chemical Characteristics: Doc ID 2015/7001693 | 49676101 | BASF Corporation | Own | |
| | Humidome evaluations of the effect of temperature, humidity, pH and tank mixtures on dicamba volatility (humidome): Doc ID 2020/2001268 | 51049001 | BASF Corporation | Own | |
| | **Ecological Effects** | | | | |
| 850 Series Supplemental | Engenia + glyphosate synergy patent search results | 50110501 | BASF Corporation | Own | |
| | | | | | |
| | **Acute Testing** | | | | |
| 870.1100 (81-1) | Acute oral toxicity: Doc ID 2010/1105428 | 48599303 | BASF Corporation | Own | |
| 870.1200 (81-2) | Acute dermal toxicity: Doc ID 2010/1105429 | 48599304 | BASF Corporation | Own | |
| 870.1300 (81-3) | Acute inhalation toxicity: Doc ID 2011/1042494 | 48599305 | BASF Corporation | Own | |
| 870.2400 (81-4) | Primary eye irritation: Doc ID 2010/1105430 | 48599306 | BASF Corporation | Own | |

| | | |
|---|---|---|
| **Signature** | **Name and Title:** Jeffrey H. Birk<br>Regulatory Manager | **Date**<br>10-21-2020 |

Form Approved OMB No. 2070-0060

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**401 M Street, S.W.**
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

| | | |
|---|---|---|
| **Date** 10-21-2020 | **EPA Reg No./File Symbol** 7969-UTE | **Page** 5 **of** 5 |
| **Applicant's/Registrant's Name & Address**<br>BASF Corporation, 26 Davis Drive, P.O. Box 13528,<br>Research Triangle Park, NC 27709-3528 | **Product:**<br>**Engenia herbicide** | |
| **Ingredient** N,N-Bis-(3-aminopropyl) methylamine Salt of 3,6-dichloro-o-anisic acid<br>CAS Registry Number 1286239-22-2 | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 870.2500 (81-5) | Primary dermal irritation: Doc ID 2010/1105431 | 48599307 | BASF Corporation | Own | |
| 870.2600 (81-6) | Dermal sensitization: Doc ID 2010/1166272 | 48599308 | BASF Corporation | Own | |
| 870.3100 | 90-day oral toxicity, rat: Doc ID 2014/1105759 | 49441801 | BASF Corporation | Own | |
| 870.3700 | Prenatal developmental toxicity, rat: Doc ID 2014/1144433 | 49441802 | BASF Corporation | Own | |
| 870.3465 | 28 day inhalation | 49441803 | BASF Corporation | Own | |
| 870.supplemental | Dicamba amines- hazard potential assessment: Doc ID 2011/7002365 | 48599309 | BASF Corporation | Own | |
| | | | | | |

Footnotes:
(1) Data not submitted because end-use product is not produced by an intergrated formulation system.
(2) Not required for an end-use product.
(3) Not required because product is not an emulsifiable liquid and is not to be diluted with petroleum solvents
(4) N/A since product is not recommended for use around electrical equipment
(5) Aqueous solution

| Signature | Name and Title: Jeffrey H. Birk<br>Regulatory Manager | Date<br>10-21-2020 |
|---|---|---|