

Facility: NUTRIEN AG SOLUTIONS 5531

FACILITY NAME AND LOCATION:

Nutrien Ag Solutions 5531  
Company Name: Nutrien Ag Solutions  
Dept:  
Facility Phone #: 785-243-2646  
815 West 4th Street  
Concordia KS 66901 USA  
County: Cloud  
LEPC: Cloud County LEPC  
Fire District: Concordia Fire-EMS Dept  
Latitude: 39.574141  
Longitude: -97.671524  
MAILING ADDRESS: 815 West 4th Street  
Concordia, KS 66901 USA  
☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:

Dun & Bradstreet: N/A  
NAICS: 424910 (Farm Supplies Merchant Wholesalers)

Is the facility manned? ☒ Manned ☐ Unmanned  
Maximum No. of Occupants: 12

REGULATORY INFORMATION:

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☒ Yes ☐ No  
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☒ No  
Subject to Toxic Release Inventory (TRI) Reporting under Section 313 of EPCRA? ☐ Yes ☒ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR KS:

☐ New Facility (check if new facility)  
Nearest Street Corner:  
Section:  
Township:  
Range:  
SIC Code:

CONTACT INFORMATION:

Goheen, Tom  
Title: Operations Manager  
Contact Type(s): Emergency Contact  
Address: 815 West 4th Street, Concordia, KS 66901 USA  
Phones: 24-hour: 785-545-6856 Work: 785-243-2646  
Email: thomas.goheen@nutrien.com

Goheen, Tom  
Title: Operations Manager  
Contact Type(s): Fac. Emergency Coordinator  
Address: 815 West 4th Street, Concordia, KS 66901 USA  
Phones: 24-hour: 785-545-6856 Work: 785-243-2646  
Email: thomas.goheen@nutrien.com





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Goheen, Tom  
Title: Operations Manager  
Contact Type(s): Tier II Information Contact  
Address: 815 West 4th Street, Concordia, KS 66901 USA  
Phones: 24-hour: 785-545-6856 Work: 785-243-2646  
Email: thomas.goheen@nutrien.com

Nutrien Ag Solutions,  
Title:  
Contact Type(s): Owner / Operator  
Address: 3005 Rocky Mountain Avenue, Loveland, CO 80538 USA  
Phones: Work: 970-685-3300  
Email: sheldon.koppes@nutrien.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: Salvo

CAS #: 1928-43-4

EHS: ☐ Yes ☒ No  
☐ Pure ☒ Mixture  
☐ Solid ☒ Liquid ☐ Gas  
☐ Identical to previous year  
☐ Trade secret

PHYSICAL HAZARDS:

☐ Explosive  
☒ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric Gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure)  
☐ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☒ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☒ Carcinogenicity  
☐ Reproductive toxicity  
☒ Specific target organ toxicity(single or repeated exposure)  
☐ Aspiration hazard  
☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds  
Maximum Amount: 18812 pounds Maximum Amount code: 6 (10,000-24,999 pounds)  
Average Daily Amount: 12836 pounds Average Daily Amount code: 6 (10,000-24,999 pounds)  
Max amount in largest container:  
Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

MIXTURE COMPONENTS

Name: 2,4-D 2-Ethylhexyl Ester CAS #: 1928-43-4 ☐ EHS

Max Amt Code: [06] 10,000-24,999 () Component Percentage: 81.8 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Degree Xtra

CAS #: 34256-82-1

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☒ Carcinogenicity
- ☐ Reproductive toxicity
- ☒ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 30686 pounds Maximum Amount code: 7 (25,000-49,999 pounds)

Average Daily Amount: 9310 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Location Description: Stored on the facility lot.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Acetochlor CAS #: 34256-82-1 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 29 (by weight)

Name: Atrazine CAS #: 1912-24-9 ☐ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 14.5 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Bicep II Magnum

CAS #: 1912-24-9

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☒ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 23904 pounds Maximum Amount code: 6 (10,000-24,999 pounds)

Average Daily Amount: 13352 pounds Average Daily Amount code: 6 (10,000-24,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

#### MIXTURE COMPONENTS

Name: Atrazine CAS #: 1912-24-9 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 33 (by weight)

Name: S-Metolachlor CAS #: 87392-12-9 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 26.1 (by weight)

#### STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: UAN Solution (28%-32%)

CAS #: 57-13-6

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

#### PHYSICAL HAZARDS:

☐ Explosive

☐ Flammable (gases, aerosols, liquids, or solids)

☐ Oxidizer (liquid, solid or gas)

☐ Self-reactive

☐ Pyrophoric (liquid or solid)

☐ Pyrophoric Gas

☐ Self-heating

☐ Organic peroxide

☐ Corrosive to metal

☐ Gas under pressure (compressed gas)

☐ In contact with water emits flammable gas

☐ Combustible Dust

#### HEALTH HAZARDS:

☐ Acute toxicity (any route of exposure)

☐ Skin corrosion or irritation

☒ Serious eye damage or eye irritation

☐ Respiratory or skin sensitization

☐ Germ cell mutagenicity

☐ Carcinogenicity

☐ Reproductive toxicity

☐ Specific target organ toxicity(single or repeated exposure)

☐ Aspiration hazard

☐ Simple Asphyxiant

☐ Hazard not otherwise classified

#### AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 3385560 pounds Maximum Amount code: 12 (1,000,000-9,999,999 pounds)

Average Daily Amount: 1692780 pounds Average Daily Amount code: 12 (1,000,000-9,999,999 pounds)

Max amount in largest container:

Days on site: 365

#### STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

#### MIXTURE COMPONENTS

Name: Urea CAS #: 57-13-6 ☐ EHS

Max Amt Code: [12] 1,000,000-9,999,999 () Component Percentage: 38 (by weight)

Name: Ammonium Nitrate CAS #: 6484-52-2 ☐ EHS

Max Amt Code: [12] 1,000,000-9,999,999 () Component Percentage: 48 (by weight)

Name: Water CAS #: 7732-18-5 ☐ EHS

Max Amt Code: [10] 100,000-499,999 () Component Percentage: 14 (by weight)

#### STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Roundup PowerMAX

CAS #: 70901-12-1

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

#### PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

#### HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

#### AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 55295 pounds Maximum Amount code: 8 (50,000-74,999 pounds)

Average Daily Amount: 39506 pounds Average Daily Amount code: 7 (25,000-49,999 pounds)

Max amount in largest container:

Days on site: 365

#### STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

#### MIXTURE COMPONENTS

Name: Glyphosate CAS #: 70901-12-1 ☐ EHS

Max Amt Code: [07] 25,000-49,999 () Component Percentage: 48.7 (by weight)

#### STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

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Chemical Name: Rifle

CAS #: 2300-66-5

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

#### PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

#### HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

#### AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 13160 pounds Maximum Amount code: 6 (10,000-24,999 pounds)

Average Daily Amount: 8369 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)

Max amount in largest container:

Days on site: 365

#### STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

#### MIXTURE COMPONENTS

Name: Dicamba Dimethylamine Salt CAS #: 2300-66-5 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 48.2 (by weight)

#### STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Makaze

CAS #: 38641-94-0

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

#### PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

#### HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

#### AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 42010 pounds Maximum Amount code: 7 (25,000-49,999 pounds)

Average Daily Amount: 35578 pounds Average Daily Amount code: 7 (25,000-49,999 pounds)

Max amount in largest container:

Days on site: 365

#### STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

#### MIXTURE COMPONENTS

Name: Glyphosate CAS #: 38641-94-0 ☐ EHS

Max Amt Code: [06] 10,000-24,999 () Component Percentage: 41 (by weight)

#### STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Riser

CAS #:

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

#### PHYSICAL HAZARDS:

☐ Explosive

☐ Flammable (gases, aerosols, liquids, or solids)

☐ Oxidizer (liquid, solid or gas)

☐ Self-reactive

☐ Pyrophoric (liquid or solid)

☐ Pyrophoric Gas

☐ Self-heating

☐ Organic peroxide

☐ Corrosive to metal

☐ Gas under pressure (compressed gas)

☐ In contact with water emits flammable gas

☐ Combustible Dust

#### HEALTH HAZARDS:

☐ Acute toxicity (any route of exposure)

☐ Skin corrosion or irritation

☐ Serious eye damage or eye irritation

☐ Respiratory or skin sensitization

☐ Germ cell mutagenicity

☒ Carcinogenicity

☐ Reproductive toxicity

☐ Specific target organ toxicity(single or repeated exposure)

☐ Aspiration hazard

☐ Simple Asphyxiant

☐ Hazard not otherwise classified

#### AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 275860 pounds Maximum Amount code: 10 (100,000-499,999 pounds)

Average Daily Amount: 137930 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)

Max amount in largest container:

Days on site: 365

#### STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

#### MIXTURE COMPONENTS



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Name: Proprietary Fertilizer Blend CAS #: [ ] EHS  
Max Amt Code: [10] 100,000-499,999 () Component Percentage: 99 (by weight)

Name: Ammonia CAS #: 7664-41-7 [ ] EHS  
Max Amt Code: [04] 1,000-4,999 () Component Percentage: 1 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Warrant

CAS #: 34256-82-1

EHS: [ ] Yes [X] No  
[ ] Pure [X] Mixture  
[ ] Solid [X] Liquid [ ] Gas  
[ ] Identical to previous year  
[ ] Trade secret

PHYSICAL HAZARDS:

[ ] Explosive  
[ ] Flammable (gases, aerosols, liquids, or solids)  
[ ] Oxidizer (liquid, solid or gas)  
[ ] Self-reactive  
[ ] Pyrophoric (liquid or solid)  
[ ] Pyrophoric Gas  
[ ] Self-heating  
[ ] Organic peroxide  
[ ] Corrosive to metal  
[ ] Gas under pressure (compressed gas)  
[ ] In contact with water emits flammable gas  
[ ] Combustible Dust

HEALTH HAZARDS:

[ ] Acute toxicity (any route of exposure)  
[ ] Skin corrosion or irritation  
[ ] Serious eye damage or eye irritation  
[X] Respiratory or skin sensitization  
[ ] Germ cell mutagenicity  
[ ] Carcinogenicity  
[ ] Reproductive toxicity  
[X] Specific target organ toxicity(single or repeated exposure)  
[ ] Aspiration hazard  
[ ] Simple Asphyxiant

[ ] Hazard not otherwise classified

AMOUNTS:

[ ] Below Reporting Thresholds  
Maximum Amount: 12838 pounds Maximum Amount code: 6 (10,000-24,999 pounds)  
Average Daily Amount: 3906 pounds Average Daily Amount code: 4 (1,000-4,999 pounds)  
Max amount in largest container:  
Days on site: 365

STORAGE LOCATIONS:

Confidential: [ ] Yes [X] No

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Acetochlor CAS #: 34256-82-1 [ ] EHS  
Max Amt Code: [04] 1,000-4,999 () Component Percentage: 33 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Chemical Name: Re-Nforce K

CAS #: 57-13-6

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 44422 pounds Maximum Amount code: 7 (25,000-49,999 pounds)

Average Daily Amount: 22211 pounds Average Daily Amount code: 6 (10,000-24,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Urea CAS #: 57-13-6 ☐ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 5 (by weight)





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Name: Urea Triazone Solution CAS #: 7098-14-8 ☐ EHS  
Max Amt Code: [04] 1,000-4,999 () Component Percentage: 10 (by weight)

Name: Potassium Thiosulfate CAS #: 7783-18-8 ☐ EHS  
Max Amt Code: [07] 25,000-49,999 () Component Percentage: 79 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Accomplish LM

CAS #:

EHS: ☐ Yes ☒ No  
☐ Pure ☒ Mixture  
☐ Solid ☒ Liquid ☐ Gas  
☐ Identical to previous year  
☐ Trade secret

PHYSICAL HAZARDS:

☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric Gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure)  
☐ Skin corrosion or irritation  
☐ Serious eye damage or eye irritation  
☐ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity(single or repeated exposure)  
☐ Aspiration hazard  
☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds  
Maximum Amount: 16680 pounds Maximum Amount code: 6 (10,000-24,999 pounds)  
Average Daily Amount: 8340 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)  
Max amount in largest container:  
Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Proprietary Microbial Soil Amendment CAS #: ☐ EHS  
Max Amt Code: [06] 10,000-24,999 () Component Percentage: 100 (by weight)



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Maximum N-Pact

CAS #: 57-13-6

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 19920 pounds Maximum Amount code: 6 (10,000-24,999 pounds)

Average Daily Amount: 9960 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Urea CAS #: 57-13-6 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 44 (by weight)

Name: Triazone CAS #: 7098-14-8 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 43 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Chemical Name: Zink-Gro 20% Liquid

CAS #: 7646-85-7

EHS: ☒ Yes ☐ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 8000 pounds Maximum Amount code: 5 (5,000-9,999 pounds)

Average Daily Amount: 4000 pounds Average Daily Amount code: 4 (1,000-4,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Zinc Chloride CAS #: 7646-85-7 ☐ EHS

Max Amt Code: [05] 5,000-9,999 () Component Percentage: 80 (by weight)

Name: Anhydrous Ammonia CAS #: 7664-41-7 ☒ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 30 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

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Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Chemical Name: Acuron

CAS #: 87392-12-9

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☒ Reproductive toxicity
- ☒ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 16261 pounds Maximum Amount code: 6 (10,000-24,999 pounds)

Average Daily Amount: 6747 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: S-Metolachlor CAS #: 87392-12-9 ☐ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 23.4 (by weight)

Name: Atrazine CAS #: 1912-24-9 ☐ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 10.93 (by weight)





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Name: Mesotrione CAS #: 104206-82-8 ☐ EHS  
Max Amt Code: [02] 100-499 () Component Percentage: 2.6 (by weight)

Name: Bicyclopyrone CAS #: 352010-68-5 ☐ EHS  
Max Amt Code: [02] 100-499 () Component Percentage: 0.65 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Matador S

CAS #: 87392-12-9

EHS: ☐ Yes ☒ No  
☐ Pure ☒ Mixture  
☐ Solid ☒ Liquid ☐ Gas  
☐ Identical to previous year  
☐ Trade secret

PHYSICAL HAZARDS:

☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric Gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure)  
☐ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☒ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity(single or repeated exposure)  
☐ Aspiration hazard  
☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds  
Maximum Amount: 10374 pounds Maximum Amount code: 6 (10,000-24,999 pounds)  
Average Daily Amount: 2594 pounds Average Daily Amount code: 4 (1,000-4,999 pounds)  
Max amount in largest container:  
Days on site: 90

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: S-Metolachlor CAS #: 87392-12-9 ☐ EHS  
Max Amt Code: [04] 1,000-4,999 () Component Percentage: 37.08 (by weight)

Name: Metribuzin CAS #: 21087-64-9 ☐ EHS  
Max Amt Code: [03] 500-999 () Component Percentage: 8.23 (by weight)



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Name: Imazethapyr CAS #: 81335-77-5 ☐ EHS  
Max Amt Code: [02] 100-499 () Component Percentage: 1.83 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: XtendiMax  
CAS #: 104040-79-1

EHS: ☐ Yes ☒ No  
☐ Pure ☒ Mixture  
☐ Solid ☒ Liquid ☐ Gas  
☐ Identical to previous year  
☐ Trade secret

PHYSICAL HAZARDS:

☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric Gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible Dust

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure)  
☐ Skin corrosion or irritation  
☐ Serious eye damage or eye irritation  
☐ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity(single or repeated exposure)  
☐ Aspiration hazard  
☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds  
Maximum Amount: 31094 pounds Maximum Amount code: 7 (25,000-49,999 pounds)  
Average Daily Amount: 11335 pounds Average Daily Amount code: 6 (10,000-24,999 pounds)  
Max amount in largest container:  
Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Dicamba CAS #: 104040-79-1 ☐ EHS  
Max Amt Code: [06] 10,000-24,999 () Component Percentage: 42.8 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Chemical Name: Ammonium Thiosulfate Solution

CAS #: 7783-18-8

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 175200 pounds Maximum Amount code: 10 (100,000-499,999 pounds)

Average Daily Amount: 87600 pounds Average Daily Amount code: 9 (75,000-99,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Ammonium Thiosulfate CAS #: 7783-18-8 ☐ EHS

Max Amt Code: [09] 75,000-99,999 () Component Percentage: 55 (by weight)

Name: Ammonium Sulfate CAS #: 7783-20-2 ☐ EHS

Max Amt Code: [06] 10,000-24,999 () Component Percentage: 12 (by weight)

Name: Water CAS #: 7732-18-5 ☐ EHS

Max Amt Code: [08] 50,000-74,999 () Component Percentage: 30 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

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Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

Chemical Name: Double Header

CAS #: 34256-82-1

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☒ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 12507 pounds Maximum Amount code: 6 (10,000-24,999 pounds)

Average Daily Amount: 5003 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Acetochlor CAS #: 34256-82-1 ☐ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 35 (by weight)

Name: Mesotrione CAS #: 104206-82-8 ☐ EHS

Max Amt Code: [03] 500-999 () Component Percentage: 4.1 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Ammonium Polyphosphate Sol. (10-34-0)

CAS #: 68333-79-9

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

- ☐ Below Reporting Thresholds
- Maximum Amount: 362700 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
- Average Daily Amount: 181350 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
- Max amount in largest container:
- Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in bulk tank(s).

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

Location Description: Stored on the facility lot.

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Ammonium Polyphosphate CAS #: 68333-79-9 ☐ EHS  
Max Amt Code: [10] 100,000-499,999 () Component Percentage: 72 (by weight)

Name: Diammonium Phosphate CAS #: 7783-28-0 ☐ EHS  
Max Amt Code: [07] 25,000-49,999 () Component Percentage: 10 (by weight)

Name: Ammonium Dihydrogen CAS #: 7722-76-1 ☐ EHS  
Max Amt Code: [07] 25,000-49,999 () Component Percentage: 10 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Prologue

CAS #: 7664-41-7

EHS: ☒ Yes ☐ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

- ☐ Below Reporting Thresholds
- Maximum Amount: 2422 pounds Maximum Amount code: 4 (1,000-4,999 pounds)
- Average Daily Amount: 1211 pounds Average Daily Amount code: 4 (1,000-4,999 pounds)
- Max amount in largest container:
- Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Ammonia CAS #: 7664-41-7 ☒ EHS  
Max Amt Code: [02] 100-499 () Component Percentage: 20 (by weight)

Name: EDTA CAS #: 60-00-4 ☐ EHS  
Max Amt Code: [03] 500-999 () Component Percentage: 30 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Gramoxone SL 3.0

CAS #: 1910-42-5

EHS: ☒ Yes ☐ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☒ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☒ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

- ☐ Below Reporting Thresholds
- Maximum Amount: 2935 pounds Maximum Amount code: 4 (1,000-4,999 pounds)
- Average Daily Amount: 1180 pounds Average Daily Amount code: 4 (1,000-4,999 pounds)
- Max amount in largest container:
- Days on site: 180

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Amount:

MIXTURE COMPONENTS

Name: Paraquat Dichloride CAS #: 1910-42-5 ☒ EHS

Max Amt Code: [04] 1,000-4,999 () Component Percentage: 43.827 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Altura C2

CAS #: 7722-76-1

EHS: ☐ Yes ☒ No

☐ Pure ☒ Mixture

☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret





Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

- ☐ Below Reporting Thresholds
- Maximum Amount: 19512 pounds Maximum Amount code: 6 (10,000-24,999 pounds)
- Average Daily Amount: 9756 pounds Average Daily Amount code: 5 (5,000-9,999 pounds)
- Max amount in largest container:
- Days on site: 365

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.  
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Monoammonium Phosphate CAS #: 7722-76-1 ☐ EHS  
Max Amt Code: [05] 5,000-9,999 () Component Percentage: 50 (by weight)

Name: Ammonium Nitrate CAS #: 6484-52-2 ☐ EHS  
Max Amt Code: [05] 5,000-9,999 () Component Percentage: 40 (by weight)

Name: Urea CAS #: 57-13-6 ☐ EHS  
Max Amt Code: [04] 1,000-4,999 () Component Percentage: 10 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

Chemical Name: Parazone 3SL  
CAS #: 1910-42-5

- EHS: ☒ Yes ☐ No
- ☐ Pure ☒ Mixture
  - ☐ Solid ☒ Liquid ☐ Gas
  - ☐ Identical to previous year
  - ☐ Trade secret



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric Gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible Dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☒ Specific target organ toxicity(single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple Asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

- ☐ Below Reporting Thresholds
- Maximum Amount: 114 pounds Maximum Amount code: 2 (100-499 pounds)
- Average Daily Amount: 19 pounds Average Daily Amount code: 1 (0-99 pounds)
- Max amount in largest container:
- Days on site: 30

STORAGE LOCATIONS:

Confidential: ☐ Yes ☒ No

Location Description: Stored in chemical warehouse.

Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature  
Amount:

MIXTURE COMPONENTS

Name: Paraquat Dichloride CAS #: 1910-42-5 ☒ EHS  
Max Amt Code: [01] 0-99 () Component Percentage: 45.1 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR KS:

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State/local fees:

- ☒ I have attached a site plan
- ☐ I have attached a list of site coordinate abbreviations
- ☐ I have attached a description of dikes and other safeguard measures



Facility: NUTRIEN AG SOLUTIONS 5531 (continued)

**Certification (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information in pages 1 through 25, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

\_\_\_\_\_  
Signature

02-12-2021

\_\_\_\_\_  
Date signed

**Megan Walters, CHMM, Authorized Representative**

Name and official title of owner/operator OR owner/operator's authorized representative

