Kansas EPCRA Tier II Emergency & Hazardous Chemical Inventory

Kansas Department of Health and Environment

Mail to: Right-to-Know Program
1000 SW Jackson Suite 330
Topeka KS 66612-1365
(785) 296-1688

Important: Read all instructions before completing form

1. Reporting Period From January 1 to December 31, 2019

2. Facility Identification | **2a. New Facility** ☐ Yes ☒ No

Name CENTRAL VALLEY AG COOP-CONCORDIA BLK F&F
Street Address 315 N BROADWAY AVE
Latitude 39.5744580 Longitude -97.6587520
City CONCORDIA County CLOUD State KS Zip 66901
Phone (785)243-3394
NAICS 424510
RMP Fac ID ☒ N/A
TRI Fac ID ☒ N/A
Max # of occupants ☒ Manned ☐ Unmanned

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?
☒ Yes ☐ No

Subject to Chemical Accident Prevention under Section 112r of CAA (40 CFR part 68)?
☐ Yes ☒ No

3a. Owner/Operator Identification

Business Name CENTRAL VALLEY AG COOP
Address PO BOX 568
City BELOIT State KS Zip 67420
Business Phone 785-738-2241 Country USA
Submitter LARRY CLEMONS
Email larry.clemons@cvacoop.com
Dun & Bradstreet 006942486

3b. Mailing Address if different from Owner/Operator Address

Business Name
Address
City State KS Zip
ATTN
Phone

4a. Tier II Contact

Name LARRY CLEMONS Title REG/COMPL COORD
Phone 785-738-0799 24-hour phone 785-534-2659
Email larry.clemons@cvacoop.com

4b. Emergency Contact
Name GREG GERMANN Title BRANCH MGR
Phone (785)243-3394 24-hour Phone (785)545-7678
Email

Name RUSTY MOREHEAD Title REGION MGR
Phone 785-275-3022 24-hour Phone (785)275-3022
Email rusty.morehead@cvacoop.com

5. Section Reporting: *Please check as appropriate*

☒ Section 312 ☐ Section 311 ☐ Section 302

☒ Annual ☐ Revision ☐ Identical to last year

For Official Use Only

Facility ID #	Parent ID #	Entered by

6. Optional Attachments

☐ Site Plan ☐ Description of Dikes
☐ Site Coordinate Abbreviations ☐ Other Safeguard Measures

7. 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 submitted in pages 1 through 10 and based on my inquiry of those individuals responsible for obtaining this information, I believe the submitted information is true, accurate, and complete.

Larry Clemons Regulatory Specialist — Name and official title of owner/operator or authorized representative

3/2/2020 — Date

Larry Clemons — Signature

8. Chemical Information

Chemical Description	Physical Hazards	Health Hazards	Storage Types & Locations ☐ if Confidential

Chemical Name: 10-34-0

CAS #: 68333-79-9

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations ☐ if Confidential

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient Pressure	Ambient temperature	☐ Containment North of Load Pad
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

208,798 Maximum Daily Amount (lbs)

104,399 Average Daily Amount (lbs)

365 Number of Days on Site

☐ Optional Report

Chemical Name: 12-0-0-26S

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient Pressure	Ambient temperature	☐ Containment North of Loadout Pad
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

128,900 Maximum Daily Amount (lbs)

64,450 Average Daily Amount (lbs)

365 Number of Days on Site

☐ Optional Report

8. Chemical Information

Chemical Description	Physical Hazards	Health Hazards	Storage Types & Locations ☐ if Confidential

Chemical Name: 16-0-020ZN

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations ☐ if Confidential

Container Type	Pressure	Temperature	Storage Location
Tank Inside Building	Ambient Pressure	Ambient temperature	☐ CONTAINMENT IN BUILDING E OF
			☐ OFFICE
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

2,240 Maximum Daily Amount (lbs)

1,120 Average Daily Amount (lbs)

365 Number of Days on Site

☐ Optional Report

Chemical Name: 28-0-0

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient Pressure	Ambient temperature	☐ Liquid Containment North of Liquid load pad
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

380,800 Maximum Daily Amount (lbs)

190,400 Average Daily Amount (lbs)

180 Number of Days on Site

☐ Optional Report

8. Chemical Information

Chemical Description	Physical Hazards	Health Hazards	Storage Types & Locations ☐ if Confidential

Chemical Name: 32-0-0

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☐ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations ☐ if Confidential

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient Pressure	Ambient temperature	☐ Containment north of load pad
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

394,400 Maximum Daily Amount (lbs)

197,200 Average Daily Amount (lbs)

180 Number of Days on Site

☐ Optional Report

Chemical Name: ANHYDROUS AMMONIA

CAS #: 7664-41-7

EHS: ☒ Yes ☐ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☒ Gas

☐ Pure ☐ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Greater than ambient pressure	Ambient temperature	☐ 1 MILE E OF OFFICE ON HWY 9
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

0 Maximum Daily Amount (lbs)

0 Average Daily Amount (lbs)

0 Number of Days on Site

☒ Optional Report

8. Chemical Information

Chemical Description	Physical Hazards	Health Hazards	Storage Types & Locations ☐ if Confidential

Chemical Name: BEGIN (7-23-4-25ZN)

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations ☐ if Confidential

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient Pressure	Ambient temperature	☐ CONTAINMENT N OF LOADOUT PAD
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

100,000 Maximum Daily Amount (lbs)

45,000 Average Daily Amount (lbs)

180 Number of Days on Site

☐ Optional Report

Chemical Name: DIESEL

CAS #: 6847-34-6

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Container Type	Pressure	Temperature	Storage Location
Below Ground Tank	Ambient pressure	Ambient temperature	☐ ON SITE
Below Ground Tank	Ambient Pressure	Ambient temperature	☐ ON SITE
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

168,000 Maximum Daily Amount (lbs)

78,596 Average Daily Amount (lbs)

365 Number of Days on Site

☒ Optional Report

8. Chemical Information

Chemical Description	Physical Hazards	Health Hazards	Storage Types & Locations ☐ if Confidential

Chemical Name: GASOLINE

CAS #: 8006-61-9

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☒ Liquid ☐ Gas

☐ Pure ☒ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations ☐ if Confidential

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient pressure	Ambient temperature	☐ #6 BULK FUEL TANKS - 3 BLOCKS WEST OFFICE BLDG
Below Ground Tank	Ambient pressure	Ambient temperature	☐ 315 NORTH BROADWAY
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

72,000 Maximum Daily Amount (lbs)

33,891 Average Daily Amount (lbs)

365 Number of Days on Site

☒ Optional Report

Chemical Name: SULFUR 90%

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☒ Solid ☐ Liquid ☐ Gas

☐ Pure ☐ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Container Type	Pressure	Temperature	Storage Location
Other	Ambient Pressure	Ambient temperature	☐ DRY SHED
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

2,000 Maximum Daily Amount (lbs)

1,000 Average Daily Amount (lbs)

365 Number of Days on Site

☒ Optional Report

8. Chemical Information

Chemical Description

Chemical Name:
ZINC SULFATE

CAS #:

EHS: ☐ Yes ☒ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☒ Solid ☐ Liquid ☐ Gas

☐ Pure ☐ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations

☐ if Confidential

Container Type	Pressure	Temperature	Storage Location
Other	Ambient Pressure	Ambient temperature	☐ DRY SHED
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

2,000 Maximum Daily Amount (lbs)

1,000 Average Daily Amount (lbs)

180 Number of Days on Site

☐ Optional Report

Chemical Name:

CAS #:

EHS: ☐ Yes ☐ No

EHS Name (if applicable):

EHS CAS # (if applicable):

☐ Solid ☐ Liquid ☐ Gas

☐ Pure ☐ Mix

☐ Trade Secret

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (gas, liquid, or solid)
- ☐ 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
- ☐ Hazard not otherwise classified

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

Storage Types & Locations

Container Type	Pressure	Temperature	Storage Location
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

_____ Maximum Daily Amount (lbs)

_____ Average Daily Amount (lbs)

_____ Number of Days on Site

☐ Optional Report

Kansas EPCRA Tier II

MIXTURE COMPONENT INFORMATION FORM

Chemical Name: 10-34-0 **CAS #:** 68333-79-9

Mixture Component Chemicals	%	CAS #	EHS
Ammonium Polyphosphate	50	68333-79-9	☐
Water	50	7732-18-5	☐
			☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: 12-0-0-26S **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Ammonium nitrate	35	6484-52-2	☐
Urea	20	57-13-6	☐
Ammonium thiosulphate	11	7783-18-8	☐
Water	34	7732-18-5	☐
			☐
			☐
			☐
			☐

Chemical Name: 16-0-020ZN **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Zinc Ammonium Complex	43-58	Proprietary	☐
Water	45-55	7732-18-5	☐
Ammonium hydroxide	0-5	1336-21-6	☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: 28-0-0 **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Ammonium nitrate	39.4	6484-52-2	☐
Urea	30.6	57-13-6	☐
Water	30	7732-18-5	☐
			☐
			☐
			☐
			☐
			☐

Kansas EPCRA Tier II

MIXTURE COMPONENT INFORMATION FORM

Chemical Name: 32-0-0 **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Ammonium nitrate	35-55	6484-52-2	☐
Urea	25-40	57-13-6	☐
Water	15-32	7732-18-5	☐
Free Ammonia	<1	7664-41-7	☐
			☐
			☐
			☐
			☐

Chemical Name: ANHYDROUS AMMONIA **CAS #:** 7664-41-7

Mixture Component Chemicals	%	CAS #	EHS
AMMONIA	99	7664-41-7	☐
Water	1	7732-18-5	☐
			☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: DIESEL **CAS #:** 6847-34-6

Mixture Component Chemicals	%	CAS #	EHS
Fuels, diesel	100	68476-34-6	☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: GASOLINE **CAS #:** 8006-61-9

Mixture Component Chemicals	%	CAS #	EHS
Gasoline, natural	100	8006-61-9	☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

Kansas EPCRA Tier II

MIXTURE COMPONENT INFORMATION FORM

Chemical Name: BEGIN (7-23-4-25ZN) **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Ammonium Polyphosphate	30-35	68333-79-9	☐
Ammonium Thiosulfate	15-20	7783-18-8	☐
Potassium Chloride (Muriate of Potash)	8-10	7447-40-7	☐
Various micronutrients*	5-6		☐
Water	30-40	7732-18-5	☐
			☐
			☐
			☐

Chemical Name: SULFUR 90% **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Sulfur	90	7704-34-9	☐
Bentonite clay	10	1302-78-9	☐
Crystalline silica	Trace	14464-46-1	☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: ZINC SULFATE **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
Zinc Sulphate	29-34	7733-02-0	☐
Magnesium Sulphate	<1.5	7487-88-9	☐
Manganese Sulphate	<.5	7785-87-7	☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: **CAS #:**

Mixture Component Chemicals	%	CAS #	EHS
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐