

Section 1. Registration Information

Source Identification

Facility Name:	Ag State - Aurelia NH3
Parent Company #1 Name:	N/A
Submission Type:	Resubmission
Receipt Date:	November 2023

Facility Identification

Facility ID:	1000 0009 1456
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	179572441
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Facility Location Address

Street 1:	100 S. Main
Street 2:	P. O. Box 426
City:	Aurelia
State:	IA
ZIP:	51005
ZIP4:	N/A
County:	Cherokee

Facility Latitude and Longitude

Latitude (decimal):	42.707369
Longitude (decimal):	-95.434362

Local Emergency Planning Committee and Regulations

LEPC:	Cherokee County EMA
OSHA PSM:	N/A
EPCRA 302:	Yes
CAA Title V:	N/A

Process Chemicals

Program Level:	Program Level 2 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

Process NAICS

NAICS Code:	42491
NAICS Description:	Farm Supplies Merchant Wholesalers

Section 6. Accident History

Accident History ID: Accident 1

Date of Accident:	September 2018
Time Accident Began (HH:MM):	09:55
NAICS Code of Process Involved:	42491
NAICS Description:	Farm Supplies Merchant Wholesalers
Release Duration:	012 Hours 55 Minutes

Release Event

Gas Release:	Yes
Liquid Spill/Evaporation:	N/A
Fire:	N/A
Explosion:	N/A
Uncontrolled/Runaway Reaction:	N/A

Release Source

Storage Vessel:	Yes
Piping:	N/A
Process Vessel:	N/A
Transfer Hose:	N/A
Valve:	N/A
Pump:	N/A
Joint:	N/A
Other Release Source:	N/A

Weather Conditions at the Time of Event

Wind Speed:	15.0
Units:	Miles/h
Direction:	SE
Temperature:	66
Atmospheric Stability Class:	F
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage (\$):	0

Known Off-Site Impacts

Deaths:	0
Hospitalizations:	0
Public Deaths:	0
Other Medical Treatments:	0
Evacuated:	500
Sheltered-in-Place:	45
Off-Site Property Damage (\$):	0

Environmental Damage

Fish or Animal Kills:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	N/A

Initiating Event

Initiating Event:	Equipment Failure
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Contributing Factors

Equipment Failure:	Yes
Human Error:	N/A
Improper Procedures:	N/A
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	N/A
Maintenance Activity/Inactivity:	Yes
Process Design Failure:	N/A
Unsuitable Equipment:	N/A
Unusual Weather Condition:	N/A
Management Error:	N/A
Other Contributing Factor:	N/A

Off-Site Responders Notified

Off-Site Responders Notified:	Notified and Responded
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Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	N/A
Revised Maintenance:	Yes
Revised Training:	N/A
Revised Operating Procedures:	N/A
New Process Controls:	N/A
New Mitigation Systems:	N/A
Revised Emergency Response Plan:	N/A
Changed Process:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	N/A

Chemicals in Accident History

Quantity Released (lbs):	22000
Percent Weight:	99
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	N/A
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	N/A
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	N/A
Healthcare (Does facility's ER plan include information on emergency health care?):	N/A

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Cherokee County EMA
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(712) 225-6721