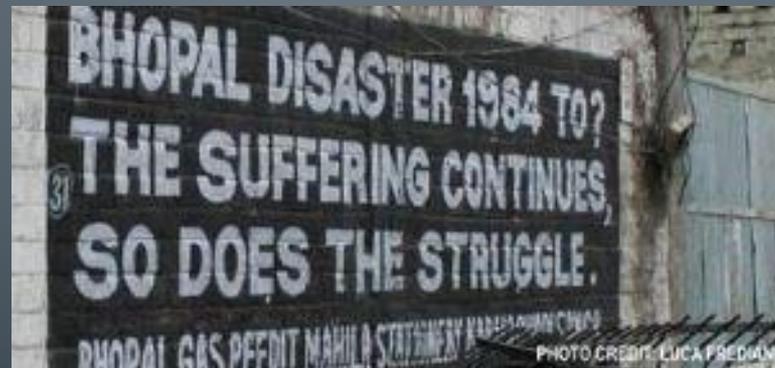


EPCRA

Emergency Planning, Community
Right to Know Act

The Emergency Planning and Community Right-to-Know Act

On December 4, 1984, methyl isocyanate, an extremely toxic chemical escaped from a Union Carbide chemical plant in Bhopal, India. Thousands died and many more were injured. Some suffered permanent disabilities. Approximately six months later, a similar incident occurred at the Institute, West Virginia. These two events raised concern about local preparedness for chemical emergencies and the availability of information on hazardous chemicals.



In response to these concerns, Congress passed the Emergency Planning and Community Right-to-Know Act (EPCRA) in 1986. EPCRA establishes requirements for federal, state and local governments, Indian tribes, and industry regarding emergency planning and “Community Right-to-Know” reporting on hazardous and toxic chemicals. The Community Right-to-Know provisions help increase public’s knowledge and access to information on chemicals at individual facilities, their uses, and releases into the environment. States and communities, working with facilities, can use the information to improve chemical safety and protect public health and the environment.

What Does EPCRA Cover?

EPCRA has four major provisions:

- Emergency planning (sections 301-303),
- Emergency release notification (section 304),
- Hazardous chemical storage reporting requirements (sections 311-312), and
- Toxic chemical release inventory (section 313).

Information collected from these four requirements helps states and communities develop a broad perspective of chemical hazards for the entire community, as well as for individual facilities.

Regulations implementing EPCRA are codified in Title 40 of the Code of Federal Regulations, parts 355 to 370. The chemicals covered by each of the sections are different, as are the quantities that trigger reporting.

What's New in EPCRA

Physical and Health Hazards

| Physical Hazards | Health Hazards |
|---|--|
| Flammable (gases, aerosols, liquids, or solids) | Carcinogenicity |
| Gas under Pressure | Acute Toxicity (any route of exposure) |
| Explosive | Reproductive toxicity |
| Self-heating | Skin Corrosion or Irritation |
| Pyrophoric (liquid or solid) | Respiratory or Skin Sensitization |
| Oxidizer (liquid, solid or gas) | Serious eye damage or eye irritation |
| Organic peroxide | Specific target organ toxicity (single or repeated exposure) |
| Self-Reactive | Aspiration Hazard |
| Pyrophoric gas | Germ cell mutagenicity |
| Corrosive to metal | Simple Asphyxiant |
| In contact with water emits flammable gas | Hazard Not Otherwise Classified (HNOC) |
| Combustible Dust | |
| Hazard Not Otherwise Classified (HNOC) | |

Portland Cement

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Date of issue: 12/27/2013 Revision date: 04/27/2018 Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Portland Cement

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Roadway and building construction use.

1.3. Supplier

Ash Grove Cement Company
11011 Cody
Overland Park, KS 66210
T 913-451-8900

1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Corr. 1A
Eye Dam. 1
Carc. 1A
STOT SE 3

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Causes severe skin burns and eye damage
May cause respiratory irritation
May cause cancer

Precautionary statements (GHS-US) :

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection, face protection, protective gloves, protective clothing.
If exposed or concerned: Get medical advice/attention.
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a poison center or doctor
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Supplemental Information :

Read and Follow all precautions listed in the Safety Data Sheet available on request or at Ashgrove.com. Additional information on the selection and use of respirators can be found in the *NIOSH Respirator Selection Logic* (DHHS [NIOSH] Publication No. 2005-100) and the *NIOSH Guide to Industrial Respiratory Protection* (DHHS [NIOSH] Publication No. 87-116) available at <http://www.cdc.gov/niosh/docs/87-116/>.

This product contains greater than 0.1% crystalline silica. Crystalline silica has been linked to

1. Identification

Product identifier Performance Grade Asphalt

Other means of identification

Synonyms PG 46-34, PG 52-28, PG 58-22, PG 58-28, PG 64-16, PG 64-22, PG 67-22, PG 70-10, PG 70-16

Recommended use Asphalt Paving

Recommended restrictions None known.

Manufacturer / Importer / Supplier / Distributor information

Manufacturer: Ergon Asphalt & Emulsions, Inc.

Address: 2829 Lakeland Drive
Jackson, MS 39232

Website: www.ergonasphalt.com

Telephone: 1-800-222-7122 (Customer Service)

E-mail: sds@ergon.com

24 hour Emergency (CHEMTREC): North America 1-800-424-9300; International 1-703-527-3887

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

OSHA defined hazards Not classified.

*Hazards not stated here are "Not classified", "Not applicable" or "Classification not possible".

Label elements

Hazard symbol None.

Signal word None.

Hazard statement Not available.

Precautionary statement

Prevention Not available.

Response If exposed or concerned: Get medical advice/attention.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) Molten asphalt presents a thermal hazard.

Supplemental information Vapors containing hydrogen sulfide may accumulate during storage or transport. HYDROGEN SULFIDE (H₂S) can be harmful or fatal if inhaled.

3. Composition/information on ingredients
Substances

| Chemical name | Common name and synonyms | CAS number | % |
|---------------|--------------------------|------------|-----|
| ASPHALT | | 8052-42-4 | 100 |

4. First-aid measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact Immediately place the affected skin under running water for at least 20 minutes - DO NOT DELAY. Prolonged flushing/cooling is necessary. Ice (or "cold packs") may be used in the event that water is unavailable. Do not attempt to remove the asphalt. Do not place any sheets or towels on top of the asphalt due to the risk of adhesion. Get immediate medical attention.



SAFETY DATA SHEET

SDS ID NO.: 0108MAR019
Revision Date 08/31/2016

1. IDENTIFICATION

Product Name: Marathon Petroleum Asphalt

Synonym: Asphalt Cement (ACs); Asphalt Flux; Penetration Grade Asphalts (Pen); Roofing Flux; Recycling Agents (RAs); Marathon PERFORMACT™ Asphalt Binder; PERFORMACT™ PG 82-22PM; PERFORMACT™ 500; PG46-28; Performance Graded Asphalt Binder; PG 46-34; PG52-28; PG52-28PM; PG 52-34; PG58-22; PG 58-28; PG58-34; PG58-34PM; PG 64-22; PG64-28; PG64-28PM; PG 64-28P; PG64-34PM; PG67-22; PG67-22X; PG70-22; PG70-22PM; PG70-22P; PG70-28PM; PG70-28P; PG76-22; PG76-22 PM; PG76-22P; PG76-28PM; PG64-22PM; PG82-22PM; PG76-22ARB; Asphalt; PG58H-28; PG64H-22; PG64H-22P; PG67H-22; PG58V-28; PG64V-22; PG67V-22; PG58E-28; PG64E-22; PG64E-22P; PG67E-22; Asphalt, PG76-22 0.25% Anti-strip Additive; PG Binders with WMA; PG Binders with AS-2000 Cross Link; AC-5; Marathon 0-10 Pen Asphalt; 85-100 Pen; 120-150 Pen; 150-200 Pen; S-180 Hard Pen Asphalt; Marathon SDA Bottoms; Solvent Deasphalted Residuum; 0 Pen Asphalt; 3 Pen Asphalt; 10 Pen Asphalt; AC-20; Vacuum Tower Bottoms; VTB; VB; Residuum Extract; Petroleum Asphaltenes; Residual Oil Solvent Extract; Residuum Extract; Light Saturant Asphalt; Polymer Modified Asphalt Concentrate; PMA Concentrate; 0307MAR019; 0316MAR019; 0142MAR019; 0169MAR020
Product Code: 0108MAR019
Chemical Family: Asphalt

Recommended Use: Road Building & Other Service.
Restrictions on Use: All others.

Manufacturer, Importer, or Responsible Party Name and Address:
MARATHON PETROLEUM COMPANY LP
539 South Main Street
Findlay, OH 45840

SDS information (M-F, 8-5 EST): 1-419-421-3070

Emergency Telephone (24/7): CHEMTREC: 1-800-424-9300 CCN# 13740

2. HAZARD IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-----------------------------------|-------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2A |
| Skin sensitization | Category 1A |
| Carcinogenicity | Category 2 |
| Acute aquatic toxicity | Category 3 |

Hazards Not Otherwise Classified (HNOC)

Hot liquid may cause thermal burns
May release hydrogen sulfide gas

Label elements**EMERGENCY OVERVIEW****Warning**

Contact with product at elevated temperatures can result in thermal burns
May release highly toxic hydrogen sulfide gas that quickly fatigues the sense of smell
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction.
Suspected of causing cancer
Harmful to aquatic life



Appearance Black-brown solid or semi-solid at room temperature. Liquid at temperatures >70°C.

Physical State Liquid

Odor Tar

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing fume/gas/vapors
Wash hands and any possibly exposed skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace
Avoid release to the environment

Precautionary Statements - Response

IF exposed or concerned: Get medical attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical attention
Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container at an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Petroleum Asphalt is a solid carbon material produced from high temperature vacuum distillation of crude oil. Composition varies depending on source of crude and specifications of final product. Can contain minor amounts of sulfur, nitrogen and oxygen compounds as well as trace amounts of heavy metals such as nickel, vanadium and lead. Composition varies depending on source of crude. Polycyclic aromatic hydrocarbons (3-7 ring) have been found to be present in trace concentrations (<0.01%). Different asphalt grades may also contain an anti-strip additive.



SAFETY DATA SHEET

1. Identification

Product identifier Asphalt

Other means of identification

SDS number 208-GHS

Synonyms PBA/PG Grade Paving Asphalt; AR/AC Paving Grade Asphalt; AC Grade Petroleum Asphalt; Asphalt Cement; PEN Grade Asphalt; AS20; Emulsion Base Stock (E.B.S.) Asphalt; Asphalt, Flux; Asphalt, Saturant; Solvent Deasphalted Bottoms Petroleum Asphalt; Propane Deasphalted Bottoms Petroleum Asphalt; Vacuum Tower Bottoms Petroleum Asphalt; Steam Refined Asphalt; Mildly Oxidized Petroleum Asphalt

Recommended use Asphalt products are to be used as road and highway paving applications; waterproofing and sealing applications; coatings; or other engineering applications. Use in other applications may result in higher exposures and require additional engineering controls and personal protective equipment.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Valero Marketing & Supply Company and Affiliates
One Valero Way
San Antonio, TX 78269-6000
210-345-4593

General Assistance 210-345-4593

E-Mail CorpHSE@valero.com

Contact Person Industrial Hygienist

Emergency Telephone 24 Hour Emergency 866-565-5220
1-800-424-9300 (CHEMTREC USA)

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Carcinogenicity Category 2

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Suspected of causing cancer.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response If exposed or concerned: Get medical advice/attention.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|----------------------|------------|---------|
| Asphalt | 8052-42-4 | 0 - 100 |
| Vacuum tower bottoms | 64741-56-6 | 0 - 100 |

Safety Data Sheet

Portland Cements (Type I, II, III EcoMent, Class A Oilwell Cement)

Section 1: Identification

MANUFACTURER'S NAME & ADDRESS: Capitol Aggregates Inc.
11551 Nacogdoches Rd.
San Antonio, Texas 78217

| | |
|----------------------|--|
| PRODUCT NAME: | Portland Cements (Type I,II, and III, EcoMent, Class A Oilwell Cement) |
|----------------------|--|

EMERGENCY TELEPHONE NUMBER: (210) 871 6111
SDS INFORMATION OR ASSISTANCE: (210) 871-7247
COMPANY PHONE NUMBER: (210) 871 7260
CHEMICAL NAME: Portland Cement
CAS NUMBER: 65997-15-1
TRADE NAME or SYNONYMS: (Portland Cement, Type I,1/II, III, Oil Well cement, Oil Field Cement Class A)
PRODUCT USE: General Construction

Section 2: Hazards Identification

WARNING! CONTACT WITH WET OR DRY PORTLAND CEMENTS IS DANGEROUS AND MAY CAUSE SEVERE SKIN IRRITATION, CHEMICAL BURNS, AS WELL AS DAMAGE TO HUMAN TISSUE, INCLUDING EYES AND OTHER ORGANS. IN ADDITION, BREATHING CEMENT DUST OVER A PERIOD OF TIME MAY IN SOME CASES RESULT IN CANCER AND OTHER DISEASES.

Classification of the substance or mixture: SKIN CORROSION/IRRITATION — Category 1A
 SERIOUS EYE DAMAGE/ EYE IRRITATION — Category 1
 SKIN SENSITIZATION — Category 1
 CARCINOGENICITY/INHALATION — Category 1A
 SPECIFIC TARGET ORGAN TOXICITY
 (SINGLE EXPOSURE) [Respiratory tract irritation] — Category 3
 (EXTENDED EXPOSURE) [Respiratory tract irritation] — Category 1

SAFETY DATA SHEET

1. Identification

Product identifier
Other means of identification

Sand and Gravel**Synonyms**

To be completed by company based on specific products being marketed.

Recommended use

Sand and Gravel aggregate may be used in the manufacture of bricks, mortar, cement, concrete, plasters, paving materials, and other construction materials. Sand and Gravel aggregate may be distributed in bags, totes, and bulk shipments.
 None known.

Recommended restrictions**Manufacturer/Importer/Supplier/Distributor information****Company**

Hallett Materials

Address

2401 SE Tones Drive – Suite 13

Ankeny, IA 50021

Telephone

515-266-9928

Website

www.omgmidwest.com

Emergency phone number

515-266-9928

2. Hazard(s) identification**Physical hazards**

Not classified.

Health Hazards

Carcinogenicity

Category 1A

Specific Target Organ Toxicity,

Category 2

Repeated Exposure

Not classified.

OSHA defined hazards**Label elements****Signal word**

Danger

Hazard statement

May cause cancer. May cause damage to organs (lung) through prolonged or repeated exposure.

Precautionary statement**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If exposed or concerned: Get medical advice/attention.

Storage

Restrict or control access to stockpile areas. Engulfment hazard: To prevent burial or suffocation, do not enter a confined space, such as a silo, bulk truck or other storage container or vessel that stores or contains aggregates without an effective procedure for assuring safety.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

None known.

classified (HNOC)**Supplemental information**

Respirable Crystalline Silica (RCS) may cause cancer. Sand and Gravel is a naturally occurring mineral complex that contains varying quantities of quartz (crystalline silica). In its natural bulk state, sand and gravel is not a known health hazard. Sand and Gravel may be subjected to various natural or mechanical forces that produce small particles (dust) which may contain respirable crystalline silica (particles less than 10 micrometers in aerodynamic diameter). Repeated inhalation of respirable crystalline silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g., tridymite and cristobalite) may also be present or formed under certain industrial processes.

3. Composition/information on ingredients**Mixtures**

| Chemical name | CAS number | % |
|----------------------------|------------|------|
| Sand and Gravel | None | > 99 |
| Crystalline Silica(Quartz) | 14808-60-7 | > 1 |

Reporting Schedules

Section 302 One time notification to SERC, LEPC and fire department with jurisdiction over the facility.

Section 304 Each time a release above a reportable quantity of an EHS or CERCLA Hazardous Substance occurs to LEPC and SERC.

Section 311 One time submission of SDS or list of hazardous chemicals. An update is required for new chemicals or new information about chemicals already submitted to the SERC, LEPC, and the fire department with jurisdiction over the facility.

Section 312 Annually, by March 1 to SERC, LEPC, and the fire department with jurisdiction over the facility.

Section 313 Annually, by July 1, to EPA, states and tribes.

What is the Toxics Release Inventory (Section 313)?

Section 313 of EPCRA established the Toxics Release Inventory. TRI tracks the management of certain toxic chemicals that pose a threat to human health and the environment. Facilities in different industry sectors must annually report how much of each chemical they managed through recycling, energy recovery, treatment and environmental releases. TRI reporting forms must be submitted to EPA and the appropriate state or tribe by July 1 of each year. These forms cover environmental releases and other management of toxic chemicals that occurred during the previous calendar year.

Section 302 – Extremely Hazardous Substances



Section 302 – Extremely Hazardous Substances

Requires facilities that have an Extremely Hazardous Substance (EHS) at or above its Threshold Planning Quantity (TPQ) to report those substances within 60 days of acquisition to the SERC, LEPC and the local fire department.

EPA has published a list of EHS's and their TPQ's. This list is called List of Lists. You can access the list by going to EPA's website or on Iowa's Tier 2 reporting webpage. There are currently 355 EHS's on the list.

The list of EHS's and their TPQ's are intended to help the local community focus on the chemicals and facilities of the most concern from a community emergency planning and response perspective. This notification provided by facilities on the list of EHS's present at their site is the basis for developing the emergency response plans for the communities in which they occupy.

In Iowa, notification is done on a Tier 2 reporting form located on DNR's EPCRA webpage.

www.iowadnr.gov/epcra/tier2.html

What Are the Community Right-to-know Requirements (Sections 311 and 312)?

Under Occupational Safety and Health Act Hazard Communication Standard (HCS) regulations, employers must maintain a safety data sheet (SDS) for any hazardous chemicals stored or used in the work place. Approximately 880,000 products are required to have SDSs.

- Section 311 requires facilities that have SDSs for chemicals held above certain threshold quantities to submit either copies of their SDSs or a list of these chemicals to the SERC, LEPC, and local fire department.

If a new chemical is brought on site or a previous chemical has been updated with new information a new SDS or list of hazardous chemicals must be submitted to the LEPC, and the local fire department within 3 months of acquisition.

In an effort to reduce management burden, EPA has continually encouraged facilities to submit a list of hazardous chemicals – rather than SDSs – to the SERC, LEPC, and the local fire department.

If a list is submitted, LEPC's have the authority to request a SDS from a facility owner or operator. The owner or operator of the facility is required to submit the SDS to the LEPC within 30 days of receiving the request.

Section 312

You must comply with Section 312 if either of the following conditions are met:

- A hazardous chemical that is an Extremely Hazardous Substance (EHS) is present at your facility at any one time in an amount equal to or greater than 500 pounds or the Threshold Planning Quantity (TPQ), whichever is lower.
- A hazardous chemical that is not an EHS is present at your facility at any one time in an amount equal to or greater than the threshold level for that hazardous chemical.

Threshold levels for non EHS hazardous chemicals are: 10,000 pounds.

For gasoline at a retail gas station, the threshold level is 75,000 **gallons**.

For diesel fuel at a retail gas station, the threshold level is 100,000 **gallons**.

For purposes of this part, retail gas station means a retail facility engaged in selling gasoline and/or diesel fuel principally to the public, for motor vehicle use on land. This threshold is only applicable for gasoline and/or diesel fuel that was in tank(s) entirely underground and was in compliance at all times during the preceding calendar year with all applicable Underground Storage Tank (UST) requirements at 40 CFR part 280 or requirements of the state UST program approved by the Agency under 40 CFR part 281.

However, other fuels such as M85, E85, E95, #2 fuel oil, kerosene, etc. fall under the 10,000 pound threshold.

What substances are exempt from reporting requirements?

Each of the following substances are excluded:

- a. Any food, food additive, color additive, drug, or cosmetic, regulated by the FDA.
- b. Any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use.
- c. Any substance to the extent it is used:
 - (1) For personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public. Present in the same form and concentration as a product packaged for distribution and use by the general public means a substance packaged in a similar manner and present in the same concentration as the substance when packaged for use by the general public, whether or not it is intended for distribution to the general public or used for the same purpose as when packaged for use by the general public;

- (2) In a research laboratory or hospital or other medical facility under the direct supervision of a technically qualified individual; or
- (3) In routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.



Iowa DNR's Tier 2 Program

[Tier II Home](#)
[Registered Users](#)

[Contacts](#)
[FAQs](#)
[Links](#)
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WELCOME TO THE IOWA DNR ONLINE TIER II REPORTING SYSTEM

The Iowa Department of Natural Resources (IDNR) is responsible for the collection and management of Tier II data reported by regulated facilities. The purpose of Tier II data is to provide state and local officials with specific information on hazardous chemicals present at a facility. This information is utilized for emergency preparedness planning.

If this is your first time using the new online reporting tool refer to the Iowa Tier 2 Online Instruction sheet on my DNR webpage at www.iowadnr.gov/epcra/tier2.html. If you are new to reporting in Iowa please contact Elonda Bacon at 515-725-0302 to set up your user ID and Password or e-mail iowa.epcra@dnr.iowa.gov. We encourage facilities to submit their Tier II information to the IDNR using this online reporting system. Updates may be submitted at any time during the year!

[Registered Users Login](#)

New this year, the EPA has updated the data requirements for health and physical hazards to better line up with the Globally Harmonized System for Hazard Communication. Information concerning the health and physical hazards of the chemicals you store can be found on the Safety Data Sheet for the material listed. This information is required.

We have also updated the [LEPC \(County Emergency Management\) listing](#). The listing contains current contact and Tier II submittal information for each county. The listing will indicate if the LEPC wants to receive Tier II reports electronically (e-mailed), hardcopy (mailed to LEPC), or if they do not require a copy sent to them. A hardcopy must still be sent to the local fire department serving the facility. You are not required to send a copy of the report to the state as I use the online program.

Environmental Protection Community Right-To-Know Act (EPCRA) Section 311/312 requires facilities that have a material safety data sheet (SDS) for any hazardous chemicals stored or used in the work place above certain quantities to submit an emergency and hazardous chemical inventory form (TIER II) to the SERC, LEPC, and local fire department. The TIER II form is due annually on March 1st. Approximately 500,000 products have SDS forms.

Iowa County Coordinators List

For Homeland Security and Emergency Management

Page 2

| County | Contact Information | Phone and Fax Numbers |
|---------------------|--|---|
| 5 Audubon | | |
| | | Would like Tier 2 E-Mailed |
| | Mike Jensen, Coordinator Audubon Co Emerg Mgmt Agcy 318 Leroy St | Business: (712) 563-3483 Extension: Fax: (712) 563-2527 |
| Audubon | IA 50025- | E-Mail Address: auidissvc@iowatelecom.net |
| 6 Benton | | |
| | | Would like Tier 2 E-Mailed |
| | Scott E Hansen, Coordinator Benton Co Emerg Mgmt Agcy 213 2nd Avenue | Business: (319) 472-4519 Extension: Fax: (319) 472-5451 |
| Vinton | IA 52349-1775 | E-Mail Address: bentoncountyema@fntcs.com |
| 7 Black Hawk | | |
| | | Mail to Fire Dept only |
| | Lorie Glover, Coordinator Black Hawk Co Emerg Mgmt 1925 Newell Street | Business: (319) 291-4373 Extension: Fax: (319) 291-6104 |
| Waterloo | IA 50707- | E-Mail Address: lorieglover@bhciaema.com |
| 8 Boone | | |
| | | Would like Tier 2 Mailed |
| | David E Morlan, Coordinator Boone Co Emerg Mgmt Agcy 909 W Mamie Eisenhower Avenue | Business: (515) 433-0592 Extension: Fax: (515) 432-2489 |
| Boone | IA 50036-3915 | E-Mail Address: davern@boonecounty.iowa.gov |

DNR IOWA TIER II REPORTING

DEPARTMENT OF NATURAL RESOURCES

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- [Update Profile](#)
- [Log out](#)

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Profile:

Name: Elonda Bacon
 Business Name: Iowa DNR Business User
 Address: 7900 Hickman Road Suite 200
 City: Windsor Heights
 State: IA
 Zip Code: 50324-4404
 Country: US
 Phone: 515-725-0302
 Email: iowa.epcra@dnr.iowa.gov

 [UPDATE PROFILE](#)

[New Facility](#) -- Sort Facilities By -- [Generate PDF for all Facilities](#) -- Change Report Year For All Facilities -- [Certify All Reports](#)

| Facility: City of Yale Box 97 Main Street, YALE (report year: 2014) | ID: 2302 |  |
|---|--|--|
| Chemicals | Optional Attachments | Report |
| <p> ADD CHEMICAL</p> <p><input checked="" type="checkbox"/> CHLORINE</p> | <p> UPLOAD FILES</p> | <p> GENERATE PDF</p> <p><input checked="" type="checkbox"/> Report Certified</p> |
| <p> DELETE</p> | | |
| Facility: Reliance Battery Manufacturing Company 813 22nd Avenue, COUNCIL BLUFFS (report year: 2014) | ID: 3364 |  |
| Chemicals | Optional Attachments | Report |
| <p> ADD CHEMICAL</p> <p><input checked="" type="checkbox"/> ANTIMONAL LEAD</p> <p><input checked="" type="checkbox"/> LEAD OXIDE</p> <p><input checked="" type="checkbox"/> SULFURIC ACID</p> | <p> UPLOAD FILES</p> | <p> GENERATE PDF</p> <p><input checked="" type="checkbox"/> Report Certified</p> |
| <p> DELETE</p> | | |
| Facility: Bacon Bits test facility 100 NE 54th Avenue, DES MOINES (report year: 2014) | ID: 3836 |  |
| Chemicals | Optional Attachments | Report |
| <p> ADD CHEMICAL</p> <p><input checked="" type="checkbox"/> AMMONIA (ANHYDROUS)</p> <p><input checked="" type="checkbox"/> CHLORINE</p> | <p> UPLOAD FILES</p> <p><input checked="" type="checkbox"/> SITEPLAN: I-80 Truckstops.pdf</p> | <p> GENERATE PDF</p> <p><input checked="" type="checkbox"/> Report Certified</p> |
| <p> DELETE</p> | | |

Street 1
Street 2
City
State Zip
Country
Phone

4. Owner/Operator Details
Name
Address
City
State Zip
Country
Phone Email

5. Tier 2 Contact
Name * Title *
Email *
Phone * 24-Hr Phone *

6. Emergency Contact
1. Name * Title *
Email
Phone * 24-Hr Phone *
2. Name * Title *
Email
Phone * 24-Hr Phone *

7. Please Indicate as Appropriate
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?
Yes No
Subject to Chemical Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Management Program)?
Yes No

DNR IOWA TIER II REPORTING

DEPARTMENT OF NATURAL RESOURCES

- [Member Home](#)
- [Add a New Facility](#)
- [Update Profile](#)
- [Log out](#)

- [Contacts](#)
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Profile:

Name: Elonda Bacon
 Business Name: Iowa DNR Business User
 Address: 7900 Hickman Road Suite 200
 City: Windsor Heights
 State: IA
 Zip Code: 50324-4404
 Country: US
 Phone: 515-725-0302
 Email: iowa.epcra@dnr.iowa.gov

 [UPDATE PROFILE](#)

[New Facility](#) -- Sort Facilities By -- [Generate PDF for all Facilities](#) -- Change Report Year For All Facilities -- [Certify All Reports](#)

| Facility: City of Yale Box 97 Main Street, YALE (report year: 2014) | ID: 2302 |  |
|--|--|---|
| Chemicals | Optional Attachments | Report |
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> CHLORINE | <input type="checkbox"/> UPLOAD FILES | <input type="checkbox"/> GENERATE PDF  Report Certified |
| <input checked="" type="checkbox"/> DELETE | | |
| Facility: Reliance Battery Manufacturing Company 813 22nd Avenue, COUNCIL BLUFFS (report year: 2014) | ID: 3364 |  |
| Chemicals | Optional Attachments | Report |
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> ANTIMONAL LEAD <input checked="" type="checkbox"/> LEAD OXIDE <input checked="" type="checkbox"/> SULFURIC ACID | <input type="checkbox"/> UPLOAD FILES | <input type="checkbox"/> GENERATE PDF  Report Certified |
| <input checked="" type="checkbox"/> DELETE | | |
| Facility: Bacon Bits test facility 100 NE 54th Avenue, DES MOINES (report year: 2014) | ID: 3836 |  |
| Chemicals | Optional Attachments | Report |
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> AMMONIA (ANHYDROUS) <input checked="" type="checkbox"/> CHLORINE | <input type="checkbox"/> UPLOAD FILES <input checked="" type="checkbox"/> SITEPLAN: I-80 Truckstops.pdf | <input type="checkbox"/> GENERATE PDF  Report Certified |
| <input checked="" type="checkbox"/> DELETE | | |

- [Edit Content](#)
- [Log Out](#)
- [2012 Archive](#)
- [2013 Archive](#)
- [2014 Archive](#)
- [2015 Archive](#)
-
- [Contacts](#)
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6a. Chemical Description

Search for Chemical/CAS:

Or enter chemical name here:

CAS Trade Secret If Yes, Sanitized Name

EHS Contains EHS If Checked, EHS Name

Chemical Form (check all that apply)

Pure Mix Liquid Gas Solid

Physical Hazards (check all that apply)

- 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
- Hazard Not Otherwise Classified

Health Hazards (check all that apply)

- 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

6b. Mixture Component Information
(if mixture is checked and mixture contains EHS, this section is required)

| Mixture Component | Percent | CAS # | EHS | EHS Name |
|-------------------|---------|-------|--------------------------|----------|
| | | | <input type="checkbox"/> | |

6c. Storage Codes and Locations

| Container | Pressure | Temperature | Location (click checkbox if Confidential) | Delete |
|---|---|---|---|-------------------------------------|
| 1. Tank <input type="button" value="Select"/> | Ambie <input type="button" value="Select"/> | Ambie <input type="button" value="Select"/> | <input type="checkbox"/> NW CORNER OF LOT | <input checked="" type="checkbox"/> |
| 2. Tank <input type="button" value="Select"/> | Ambie <input type="button" value="Select"/> | Ambie <input type="button" value="Select"/> | <input type="checkbox"/> NW CORNER OF LOT | <input checked="" type="checkbox"/> |
| 3. Tank <input type="button" value="Select"/> | Ambie <input type="button" value="Select"/> | Ambie <input type="button" value="Select"/> | <input type="checkbox"/> NW CORNER OF LOT | <input checked="" type="checkbox"/> |
| 4. <input type="button" value="Select"/> | <input type="button" value="Select"/> | <input type="button" value="Select"/> | <input type="checkbox"/> | <input type="checkbox"/> |

[Opens new window!](#)

- 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
- 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

6b. Mixture Component Information

(if mixture is checked and mixture contains EHS, this section is required)

| Mixture Component | Percent | CAS # | EHS EHS Name |
|-------------------|---------|-------|--------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

6c. Storage Codes and Locations

| Container | Pressure | Temperature | Location (click checkbox if Confidential) | Delete |
|-----------|----------|-------------|---|--------|
| 1. Tank v | Ambie | Ambie | <input type="checkbox"/> NW CORNER OF LOT | X |
| 2. Tank v | Ambie | Ambie | <input type="checkbox"/> NW CORNER OF LOT | X |
| 3. Tank v | Ambie | Ambie | <input type="checkbox"/> NW CORNER OF LOT | X |
| 4. | | | <input type="checkbox"/> | |

[View/Update additional Storage Codes](#) Opens new window!

6d. Inventory (In Pounds)

| | |
|------------------------|------|
| Maximum Daily Amount | 1500 |
| Average Daily Amount | 1500 |
| Number of Days on Site | 365 |

Cancel Update

[Manage Users](#)
[Re-Assign Facility](#)
[Edit Content](#)
[Log Out](#)

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[2013 Archive](#)
[2014 Archive](#)
[2015 Archive](#)
[2016 Archive](#)

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Business Name: Test Facilities
 Address: 7900 Hickman Road
 City: Windsor Heights
 State: IA
 Zip Code: 50324
 Phone: 515-725-0302
 Country: USA
 Email: elonda.bacon@dnr.iowa.gov

UPDATE PROFILE

New Facility: -- Sort By -- [Generate PDF for all facilities](#) -- Change Report Year For All Facilities--

Facility: [Bacon Bits test facility](#) 100 NE 54th Avenue, DES MOINES (report year: 2016) ID: 3836

| Chemical Name | Optional Attachments | Report | Manage Facility |
|--|---------------------------------------|---|--|
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> AMMONIA (ANHYDROUS) <input checked="" type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> DIESEL OIL (LIGHT) <input checked="" type="checkbox"/> FERROUS CHLORIDE <input checked="" type="checkbox"/> ISOPROPYL CHLORIDE <input checked="" type="checkbox"/> SELENIUM ACID <input checked="" type="checkbox"/> SULFURIC ACID | <input type="checkbox"/> UPLOAD FILES | <input type="checkbox"/> GENERATE PDF Certify Report | <input checked="" type="checkbox"/> DELETE Re-Assign Facility |

Facility: [Bacon Bits II TEST FACILITY](#) 105 NE 54th Avenue, DES MOINES (report year: 2017) ID: 4536

| Chemical Name | Optional Attachments | Report | Manage Facility |
|--|--|---|--|
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> ALUMINUM PHOSPHIDE <input checked="" type="checkbox"/> Ammonia <input checked="" type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> Tochlorine | <input type="checkbox"/> UPLOAD FILES <input checked="" type="checkbox"/> ERP: Emergency_Conditions.doc | <input type="checkbox"/> GENERATE PDF Report Certified | <input checked="" type="checkbox"/> DELETE Re-Assign Facility |

LIST BUSINESSES

SEARCH BUSINESSES

Facility Name: Starts with:

- [Administrator Home](#)
- [Reports](#)
- [CAMEO/CSV Download](#)
- [Manage Users](#)
- [Re-Assign Facility](#)
- [Edit Content](#)
- [Log Out](#)

- [2012 Archive](#)
- [2013 Archive](#)
- [2014 Archive](#)
- [2015 Archive](#)
- [2016 Archive](#)

- [Contacts](#)
- [FAQs](#)
- [Links](#)
- [Help](#)

Certification (Read and Submit after completing all sections)

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

Name of owner/operator OR owner/operator's authorized representative

Official Title or Position:

[Manage Users](#)
[Re-Assign Facility](#)
[Edit Content](#)
[Log Out](#)

[2012 Archive](#)
[2013 Archive](#)
[2014 Archive](#)
[2015 Archive](#)
[2016 Archive](#)

[Contacts](#)
[FAQs](#)
[Links](#)
[Help](#)

Business Name: Test Facilities
 Address: 7900 Hickman Road
 City: Windsor Heights
 State: IA
 Zip Code: 50324
 Phone: 515-725-0302
 Country: USA
 Email: elonda.bacon@dnr.iowa.gov

UPDATE PROFILE

New Facility: -- Sort By -- [Generate PDF for all facilities](#) -- Change Report Year For All Facilities--

Facility: [Bacon Bits test facility](#) 100 NE 54th Avenue, DES MOINES (report year: 2016) ID: 3836

| Chemical Name | Optional Attachments | Report | Manage Facility |
|--|---------------------------------------|---|--|
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> AMMONIA (ANHYDROUS) <input checked="" type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> DIESEL OIL (LIGHT) <input checked="" type="checkbox"/> FERROUS CHLORIDE <input checked="" type="checkbox"/> ISOPROPYL CHLORIDE <input checked="" type="checkbox"/> SELENIUM ACID <input checked="" type="checkbox"/> SULFURIC ACID | <input type="checkbox"/> UPLOAD FILES | <input type="checkbox"/> GENERATE PDF Certify Report | <input checked="" type="checkbox"/> DELETE Re-Assign Facility |

Facility: [Bacon Bits II TEST FACILITY](#) 105 NE 54th Avenue, DES MOINES (report year: 2017) ID: 4536

| Chemical Name | Optional Attachments | Report | Manage Facility |
|--|--|---|--|
| <input type="checkbox"/> ADD CHEMICAL <input checked="" type="checkbox"/> ALUMINUM PHOSPHIDE <input checked="" type="checkbox"/> Ammonia <input checked="" type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> Tochlorine | <input type="checkbox"/> UPLOAD FILES <input checked="" type="checkbox"/> ERP: Emergency Conditions.doc | <input type="checkbox"/> GENERATE PDF Report Certified | <input checked="" type="checkbox"/> DELETE Re-Assign Facility |

LIST BUSINESSES

SEARCH BUSINESSES

Facility Name: Starts with:

Tier II Emergency and Hazardous Chemical Inventory - Due March 1st, 2018



Reporting Period from January 1, 2017 to December 31, 2017

Return Form to: Iowa Department of Natural Resources
Environmental Services Division
Emergency Response Unit
7900 Hickman Road Suite 200
Windsor Heights, IA 50324-4404

Annual Revision

| | |
|---|--|
| <p>Facility Identification</p> <p>ID: 4536 Max # of occupants n/a <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned</p> <p>Name: Bacon Bits II TEST FACILITY</p> <p>Street: 105 NE 54th Avenue</p> <p>County: POLK City: DES MOINES</p> <p>Fire Department: Saylor Twp Fire Department</p> <p>State: IA Zip: 503131447</p> <p>Phone: (515) 244-5723 Fax: _____</p> <p>Email: elonda.bacon@dnr.iowa.gov</p> | <p>Owner/Operator Details</p> <p>Name: Elonda Bacon</p> <p>Phone: (515) 783-5509</p> <p>Street Address: 105 NE 54th Ave</p> <p>City: Des Moines State: IA Zip: 503131447</p> <p>Country: US</p> <p>Email: _____</p> |
|---|--|

| | |
|---|--|
| <p>Mailing Address if different from Facility ID Address</p> <p>Company: _____</p> <p>Attn: _____</p> <p>Street Address 1: _____</p> <p>Street Address 2: _____</p> <p>City: _____ State: IA</p> <p>Zip: _____ Phone: _____</p> <p>Country: US</p> | <p>Tier 2 Contact</p> <p>Name: Elonda Bacon Title: EPCRA Coordinator</p> <p>Email: elonda.bacon@dnr.iowa.gov</p> <p>Phone: 515-725-0302 24 hour phone: 515-725-0302</p> |
| <p>RMP Fac ID _____ <input checked="" type="checkbox"/> N/A Dun & Brad No: 42-1254639</p> <p>NAICS: 311111 TRIFID: _____ <input checked="" type="checkbox"/> N/A</p> | <p>Emergency Contacts</p> <p>Name: Elonda Bacon Title: President</p> <p>Email: _____</p> <p>Phone: (515) 250-0780 24 hour phone: (515) 250-0780</p> <p>Name: Adam Broughton Title: CEO</p> <p>Email: _____</p> <p>Phone: 515-725-0386 24 hour phone: 515-725-0386</p> |

| | |
|--|--|
| <p>Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Subject to Chemical Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Management Program)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Optional Attachments</p> <p><input type="checkbox"/> Site Plan <input type="checkbox"/> Other Safeguard Measures</p> <p><input type="checkbox"/> Site Coordinate Abbreviations <input checked="" type="checkbox"/> Emergency Response Plan</p> |
|--|--|

Mixture Components are listed in the Appendix

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages 1 through 4, 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.

Elonda Bacon President 01-02-2018
 Name and official title of owner/operator or authorized representative Date Signature

| Chemical Description | Physical Hazards | Health Hazards | Inventory | Type of Storage | Storage Conditions (Pressure, Temperature) | Storage Locations |
|--|--|--|--|---|--|--|
| <p><input type="checkbox"/> Check if information below is identical to previous year.</p> <p>Chemical Name: <u>CHLORINE</u></p> <p>CAS No. <u>7782-50-5</u></p> <p>EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> If checked, EHS Name <u>CHLORINE</u></p> <p><input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Solid</p> <p><input type="checkbox"/> Trade Secret If Checked, Sanitized Name: _____</p> | <p><input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Self-reactive <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric Gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Corrosive to metal <input checked="" type="checkbox"/> Gas under pressure (compressed gas) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Combustible Dust <input type="checkbox"/> Hazard Not Otherwise Classified</p> | <p><input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Specific target organ toxicity(single or repeated exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Simple Asphyxiant <input type="checkbox"/> Hazard Not Otherwise Classified</p> | <p>Max Daily & Amt Code: 150 02</p> <p>Avg Daily & Amt Code: 150 02</p> <p>Days on site: 365</p> | <p>Cylinder Cylinder</p> | <p>ambient pressure Greater than ambient temperature Greater than ambient pressure Greater than Ambient temperature</p> | <p>(Check <input type="checkbox"/> if Confidential) <input type="checkbox"/> NW CORNER OF LOT <input type="checkbox"/> sw corner</p> |
| <p><input type="checkbox"/> Check if information below is identical to previous year.</p> <p>Chemical Name: <u>Tochlorine</u></p> <p>CAS No. <u>127-65-1</u></p> <p>EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> If checked, EHS Name <u>CHLORINE</u></p> <p><input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Solid</p> <p><input type="checkbox"/> Trade Secret If Checked, Sanitized Name: _____</p> | <p><input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Self-reactive <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric Gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Gas under pressure (compressed gas) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Combustible Dust <input type="checkbox"/> Hazard Not Otherwise Classified</p> | <p><input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input checked="" type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Specific target organ toxicity(single or repeated exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Simple Asphyxiant <input type="checkbox"/> Hazard Not Otherwise Classified</p> | <p>Max Daily & Amt Code: 200 02</p> <p>Avg Daily & Amt Code: 200 02</p> <p>Days on site: 365</p> | <p>Tank inside building Cylinder Cylinder Cylinder Above Ground Tank Tank Inside Building Rail Car Tank Wagon Above Ground Tank</p> | <p>Ambient pressure Ambient temperature ambient pressure Greater than Ambient temperature ambient pressure Greater than Ambient temperature ambient pressure Greater than Ambient temperature Ambient Pressure Ambient temperature</p> | <p>(Check <input type="checkbox"/> if Confidential) <input type="checkbox"/> SW CORNER OF BLDG <input type="checkbox"/> INSIDE NW DOOR IN CENTER OF BLDG <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> CONFIDENTIAL DOOR S <input checked="" type="checkbox"/> CONFIDENTIAL DOOR S <input type="checkbox"/> storage shed <input type="checkbox"/> right side of bldg <input type="checkbox"/> on the siding by property li <input type="checkbox"/> on the siding by property li <input type="checkbox"/> storage shed</p> |

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

Signature _____ Date: 01-02-2018

Tier II Emergency and Hazardous chemical Inventory Appendix
MIXTURE COMPONENT FORM

| | | | | |
|--|---|-----------------|-------------------------------------|--------------------|
| Name of Substance: ALUMINUM PHOSPHIDE | | CAS: 20859-73-8 | Chemical ID: 24822 | |
| Chemical Name: | % | CAS # | EHS | EHS Name: |
| Aluminum Phosphide | 0 | 20859-73-8 | <input checked="" type="checkbox"/> | Aluminum Phosphide |
| water | 0 | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| Name of Substance: _____ CAS: _____ Chemical ID: _____ | | | | |
| Chemical Name: | % | CAS # | EHS | EHS Name: |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| Name of Substance: _____ CAS: _____ Chemical ID: _____ | | | | |
| Chemical Name: | % | CAS # | EHS | EHS Name: |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| Name of Substance: _____ CAS: _____ Chemical ID: _____ | | | | |
| Chemical Name: | % | CAS # | EHS | EHS Name: |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| Name of Substance: _____ CAS: _____ Chemical ID: _____ | | | | |
| Chemical Name: | % | CAS # | EHS | EHS Name: |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| Name of Substance: _____ CAS: _____ Chemical ID: _____ | | | | |
| Chemical Name: | % | CAS # | EHS | EHS Name: |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |
| | | | <input type="checkbox"/> | |

Signature _____ Date: 01-02-2018

Questions?

Elonda Bacon

Iowa Department of Natural Resources

Field Services and Compliance Bureau

502 E 9th St

Des Moines, IA. 50319-0034

515-725-0302

elonda.bacon@dnr.iowa.gov

iowa.epcra@dnr.iowa.gov

www.iowadnr.gov/epcra/tier2.html