



# Using Data in E-Plan for Response

Mathew Marshall

# Overview:

- Collecting data
- Reviewing data
- Creating a response plan

# Collecting Data

- March 2 of every year
  - Looking for new facilities
  - Looking for new chemicals
- Determining how the chemicals are transported
  - How often?
  - How much?
  - How is it packaged?
  - Routes of transport?

## Facility Information

Facility Name	<b>ABC Chemical Company</b>
Company Name	Cutting Edge Planning & Training Inc.
Filing Year	2013
Department	
Physical Address	90 3rd Street Bonita Springs, Collier County FL - 34134
Latitude	26.314310
Longitude	-81.790293
USNG	17R MK 21119 10734
Location Description	AB - Administrative Building
Maximum No. of Occupants	435 (Manned)
Corporate Email	<a href="mailto:mathew.marshall0511@gmail.com">mathew.marshall0511@gmail.com</a>
Type of Facility	EPCRA 302 EPCRA 312 (Tier2)
Data Management	Last modified Date: 2014-05-20 15:08:09.0 UTC First Submit Date: 2014-02-04 14:43:55.0 UTC Data Submitted by: <b>Mathew Marshall</b> Data Entered by: <b>Mathew Marshall</b> ( <a href="mailto:mathew.marshall0511@gmail.com">mathew.marshall0511@gmail.com</a> ), Access ID: <b>1014804</b>
Facility Notes	Information not available

Facility Information	Contact Information	Chemical Inventory	Additional Information**	StateFields
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## Facility Contact Information

Name	Contact Type	Phone	Email
Mathew Marshall	Emergency Contact	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com
Mathew Marshall	Owner / Operator	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com
Mathew Marshall	Tier II Information Contact	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com

## Chemical Inventory Information

Chemical (Click for ERG link)	CAS #	Max Qty.	Avg Qty.	Max Amount in largest container (lbs)	NFPA Code <b>H F R S</b>	Properties	Fact Sheets
Chlorine (EHS Chemical)	7782-50-5	689,098	49,098		<b>3 0 0 OX</b>	Pure Pressure Liquid Gas Acute Chronic Reactive EHS	<a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>

**Synonyms:** Bertholite;Chlore (dot french);Chlorine;Chlorine mol.;Chlorine molecule (cl2);Cloro (dot spanish);Diatomic chlorine;Dichlorine;Molecular chlorine;

Storage Locations	Type	Pressure	Temperature
1 Building 3	Cylinder	Greater than ambient pressure	Ambient temperature

Diethylene Glycol Monobutyl Ether	112-34-5	1,258,968	898,221	250,000	<b>1 2 0 -</b>	Pure Liquid	<a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>
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**Synonyms:** 2-(2-butoxyethoxy) ethanol;2-(2-butoxyethoxy)ethanol;3,6-dioxa-1-decanol;Bdg-ns;Butadigol;Butoxydiethylene glycol;Butoxydiglycol;Butoxyethoxyethanol;Butyl carbitol;Butyl diglycol;Butyl digol;Butyl dioxitol;Butyl oxitol glycol ether;Diehylene;

Storage Locations	Type	Pressure	Temperature
1 NW Corner of building 2	Rail car	Greater than ambient pressure	Less than ambient temp. / not cryog

ETHYLENE OXIDE (EHS Chemical)	75-21-8	650,000	250,000		<b>2 4 3 -</b>	Pure Pressure Liquid Gas Acute Fire Chronic Reactive EHS	<a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>
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**Synonyms:** 12/88;1,2-epoxy ethane;1,2-epoxyethane;Alpha, beta-oxidoethane;Amprolene;Anprolene;Anproline;Ciba-geigy 9138;Dihydrooxirene;Dimethylene oxide;E o.;E.o.;Ent-26263;Epoxyethane;Ethene oxide;Ethox;Ethylene oxide;Ethyleneoxy;Eto;Fema no. 243;

Storage Locations	Type	Pressure	Temperature
1 Building 1	Cylinder	Greater than ambient pressure	Less than ambient temp. / not cryog

## Chemical Inventory Information

Chemical (Click for ERG link)	CAS #	Max Qty.	Avg Qty.	NFPA Code H F R	Properties	Fact Sheets
<a href="#">Chlorine</a> (EHS Chemical)	7782-50-5	2,400	4,000	3 0 0 OX		<a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>
<b>Synonyms:</b> Bertholite;Chlore (dot french);Chlorine;Chlorine mol.;Chlorine molecule (cl2);Cloro (dot spanish);Diatomic chlorine;Dichlorine;Molecular chlorine;						



**ERG Book Page**



**MSDS Sheet**



**Chemical Profile**



**CHRIS Information**

Facility Information




Contact Information

Chemical Inventory

**Additional Information\*\***

StateFields

## Facility Documents

File Name	File Category	Description	Download
	Other	<a href="http://www.ceptinc.com">www.ceptinc.com</a>	<a href="#">File</a>
E-Plan training flyer-CEPT.pdf	Notification	E-Plan Class Flyer	
Draft-EPlan Best Practices for Authorizing Authorities.pdf	Other	Authorizing best practices	
ABC Chem Company Site Plan.jpg	Diagrams	Site Plan	



# Reviewing Data

- Export data from E-Plan
  - MSDS (SDS)
  - CHRIS
  - ERG
  - CAMEO Chemicals
  - Toxic Profile
  - NIOSH

# Creating a Response Plan

- Stand-off distance
- Evacuation distance
- Shelter in place?
- Pre determined shelter location
- Pre determined evacuation shelter
- Local health
  - Antidotes

*Questions?*



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