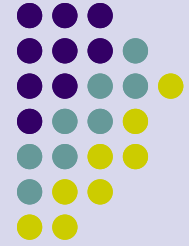
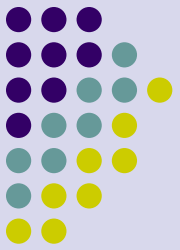


EPCRA and Tier II Reporting

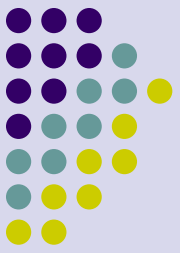


Presented by
Cynthia Arias
Pollution Control Coordinator

Introduction

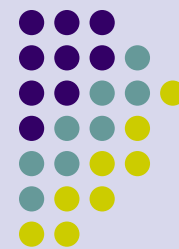


- What is EPCRA?
 - Passed in 1986 in response to concerns regarding the environmental and safety hazards posed by the storage and handling of toxic chemicals.



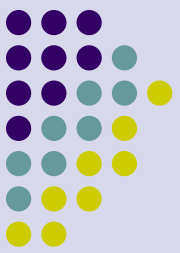
What Does EPCRA cover?

- 4 major provisions
 - Emergency Planning
 - Emergency Release
 - Hazardous Chemical storage reporting requirements
 - Toxic Chemical Release Inventory



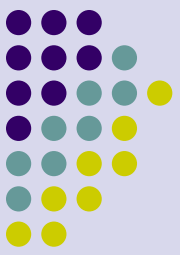
Tier II Inventory

- Over 650,000 chemicals are listed with OSHA
- 355 are considered EHS and on the List of Lists
- Determining if a chemical needs to be reported.



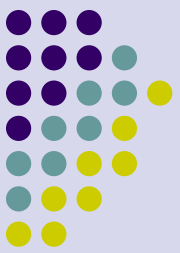
Determination

- Check the SDS
 - Listed by OSHA = reportable.
 - For NFPA diamond – listed value of 1 or greater
 - Use of the terms PEL (permissible exposure limit) or STEL (short term exposure limit)
- Review List of Lists



Determination Part 2

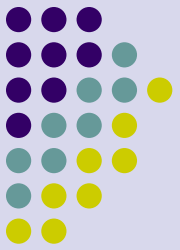
- Most chemicals listed will need to be reported if 10,000 lbs. or more are stored at facility during any given period of the year.
 - If the product is a liquid then the specific gravity must be determined to convert quantity to pounds
- If on the List, 500 lbs. or TPQ (threshold planning quantity) whichever is less for reportable quantity.
 - Example Chlorine 100lbs



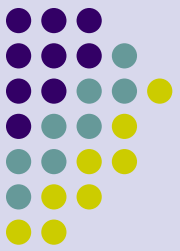
Determination - Mixtures

- When looking at SDS is mixture still hazard
 - If total mixture still presents a physical or health hazard
 - Any mixture with a PEL or TLV (threshold limit value)

Mixtures

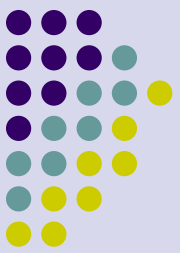


- Manufacturing
 - May report mixtures as separate chemicals or as mixture
- Non-manufacturing
 - Report as mixture



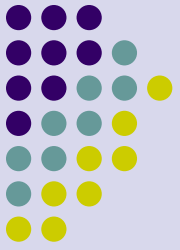
Batteries as mixtures

- Electric fork lifts
 - Not propane fork lifts
 - Calculate weight of battery
 - HCl is considered EHS



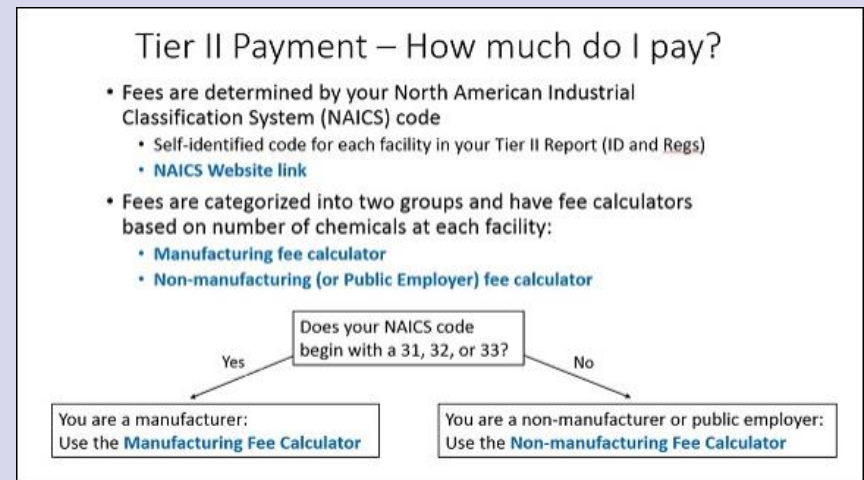
Compressed Gases

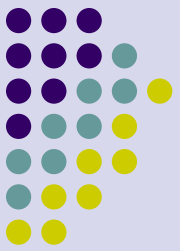
- Defined as 40 psi at 70F or 104 psi at 130F
- All compressed gases are considered hazardous



Tier II Fees

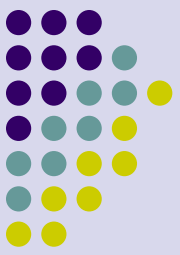
- Based on two groups manufacturing vs non-manufacturing
- Then based number of facilities
- Then number of qualifying chemicals at each site
- Paid annually





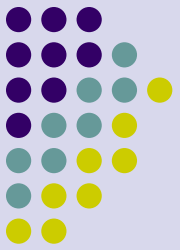
Tier II Filing

- Report and fee due March 1 of every year
- Initial report due within 2 months of newly added chemical along with fee
- Updated reported when changing amounts of a chemical already listed. No fee
- Paperwork sent to TCEQ, LEPC (county-based) and local fire department



Changes this year

- Need to add TCEQ CN, RN, TXT2 numbers to each location
 - Contact TCEQ now if you need numbers
- New software that is web based will come on line in January 2018
- TCEQ will be offering limited enrollment free Tier II training classes in DFW area
 - Dallas October 31
 - Denton November 1
 - Addison November 2



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