

# CLASSIFYING MEDICAL & PHARMACUTICAL WASTE

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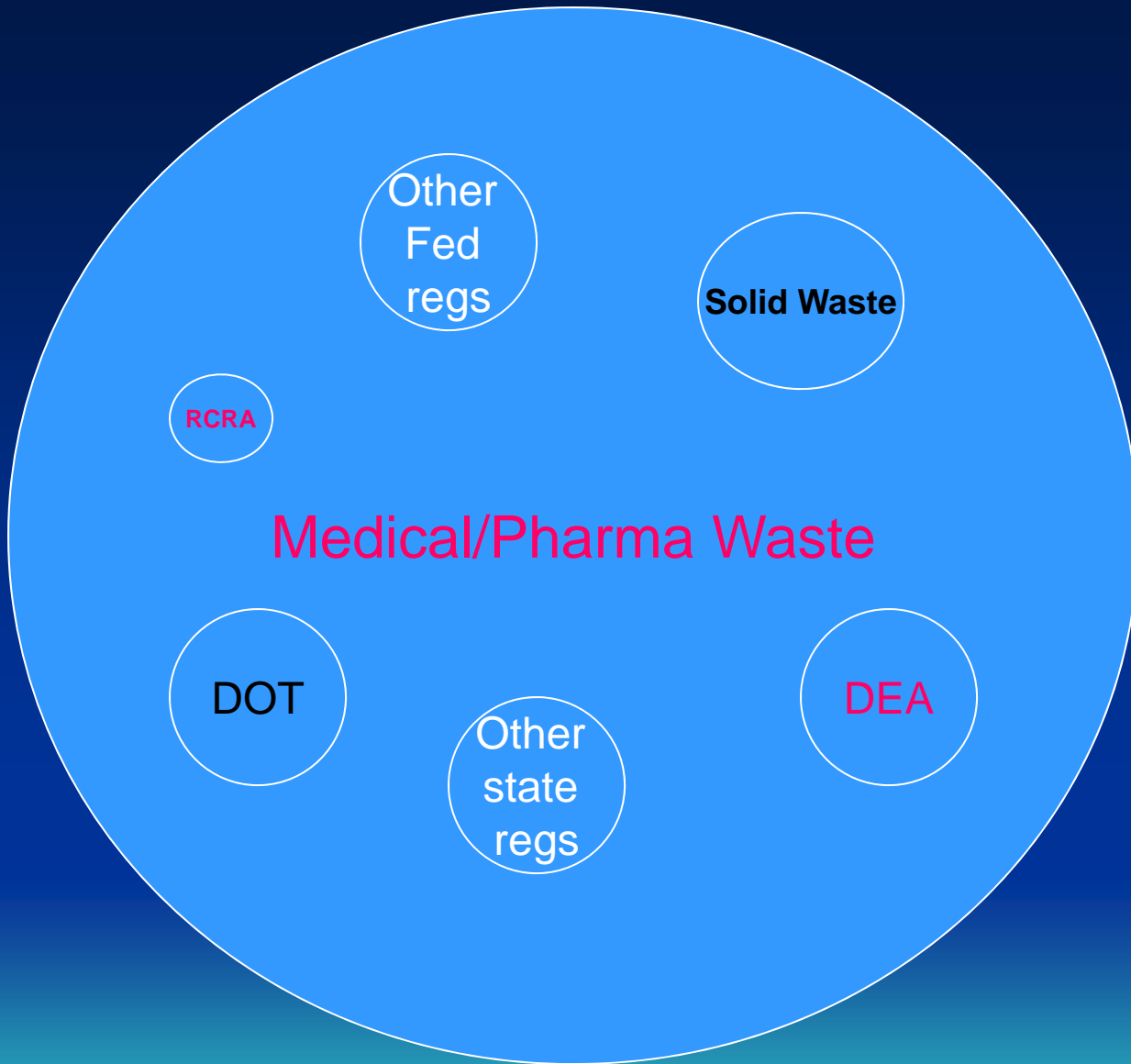
# CLASSIFYING MEDICAL WASTE ?

## Regulated Medical Waste:

- a. Culture and Stocks
- b. Pathological Wastes
- c. Human Blood & Blood Liquid Wastes
- d. Sharps\Animal Wastes
- e. Isolation Wastes Biological
- f. Unused Sharps

## 3. Special Wastes:





**Medical/Pharma Waste**

Other  
Fed  
regs

Solid Waste

RCRA

DOT

Other  
state  
regs

DEA



# HIERARCHY

1. Is It a RCRA regulated waste?
2. Is it regulated by any other Federal (DEA, FDA) or State regulations?
3. Is it a Medical Waste?
4. Is it a Special Waste (Chemo, Bio, Infectious)?
5. Is it a Solid Waste?



# MEDICAL WASTE HIEARCHY

The following is the hierarchy for classifying Medical and Pharmaceutical Wastes. See the Regulated Medical Waste, Solid Waste, and RCRA Waste regulations for further information on specific handling, storage, or disposal requirements. Also check any Federal regulations that might apply (i.e. Controlled Substances).

## 1. RCRA Medical Waste:

a. P Listed (acutely hazardous) Waste: **2.2lbs.**

P012–Arsenic Trioxide (Trisenox)

b. U Listed (hazardous) Waste:

U010-Mitomycin C  
U058-Cyclophosphamide  
U089-Diethylstilbestrol  
U206-Streptozotocin

U035-Chlorambucil  
U059-Daunomycin  
U150-Melphalan  
U237-Uracil Mustard

3. Comply with other federal or state regulations (DEA, FDA).



# MEDICAL WASTE HIEARCHY cont.

## 4. Regulated Medical Waste:

- a. Culture and Stocks
  - b. Pathological Wastes
  - c. Human Blood & Blood Liquid Wastes
  - d. Sharps\Animal Wastes
  - e. Isolation Wastes Biological
  - f. Unused Sharps
- ## 3. Special Wastes

5. Other chemo, biological, or infectious waste that are not regulated above but need special handling.

6. Non-regulated wastes that are not regulated above & can be disposed of as a solid waste.



# PHARMA WASTE HIEARCHY

The following is the hierarchy for classifying Medical and Pharmaceutical Wastes. See the Regulated Medical Waste, Solid Waste, and RCRA Waste regulations for further information on specific handling, storage, or disposal requirements. Also check any Federal regulations that might apply (i.e. Controlled Substances).

## 1. RCRA Regulated Wastes:

### a. P Listed (acutely hazardous) Waste:

P001-Warfarin >0.3%

P042-Epinephrine

P075-Nicotine

P188-Physostigmine Salicylate

P012-Arsenic Trioxide

P046- Phentermine (CIV)\*

P081-Nitroglycerin (weak)

P204-Physostigmine

### b. U Listed (hazardous) Waste:

U010-Mitomycin C (chemo)

U035-Chorambucil (chemo)

U058-Cyclophosphamide (chemo)

U075-Dichlorodifluoromethane

U121- Trichloromonofluoromethane

U129-Lindane

U150-Melphalan (Chemo)

U182- Paraldehyde (CIV)\*

U188-Phenol

U201-Resorcinol

U205-Selenium Sulfide

U237-Uracil Mustard (chemo)

U034-Chloral Hydrate (CIV)2\*

U044-Chloroform

U059-Daunomycin (chemo)

U089-Diethylstilbestrol

U122-Formaldehyde

U132-Hexachlorophene

U1151-Mercury

U187-Phenacetin

U200-Reserpine

U202-Saccharin

U206-Streptozotocin (chemo)

U248-Warfarin <.0.3%

\* (CIV) designates a controlled substance. Check DEA & RCRA regulations.



# PHARMA WASTE HIEARCHY cont.

c. Potential Toxic & Characteristic Hazardous Wastes (if above certain concentrations):

D004-Arsenic > 5.0ppm

D005-Barium > 100ppm

D006-Cadmium > 1.0ppm

D007-Chromium > 5.0ppm

D009-Mercury > 0.2ppm

D010-Selenium > 1.0ppm

D011-Silver > 5.0ppm

D013-Lindane > 0.4ppm

D022-Chloroform > 6.0ppm

D024-M-Cresol > 200ppm

2. Controlled medications regulated by DEA & other Federal Regulations.



# PHARMA WASTE HIEARCHY cont.

3. Medications not regulated above can be handled as a solid waste.

4 Any medications, including those mentioned above, can be handled by a reverse distribution program and are not considered as either a Hazardous or solid waste until a final decision is made to dispose of them. Some medications may still be regulated by Federal Regulations before disposal.

