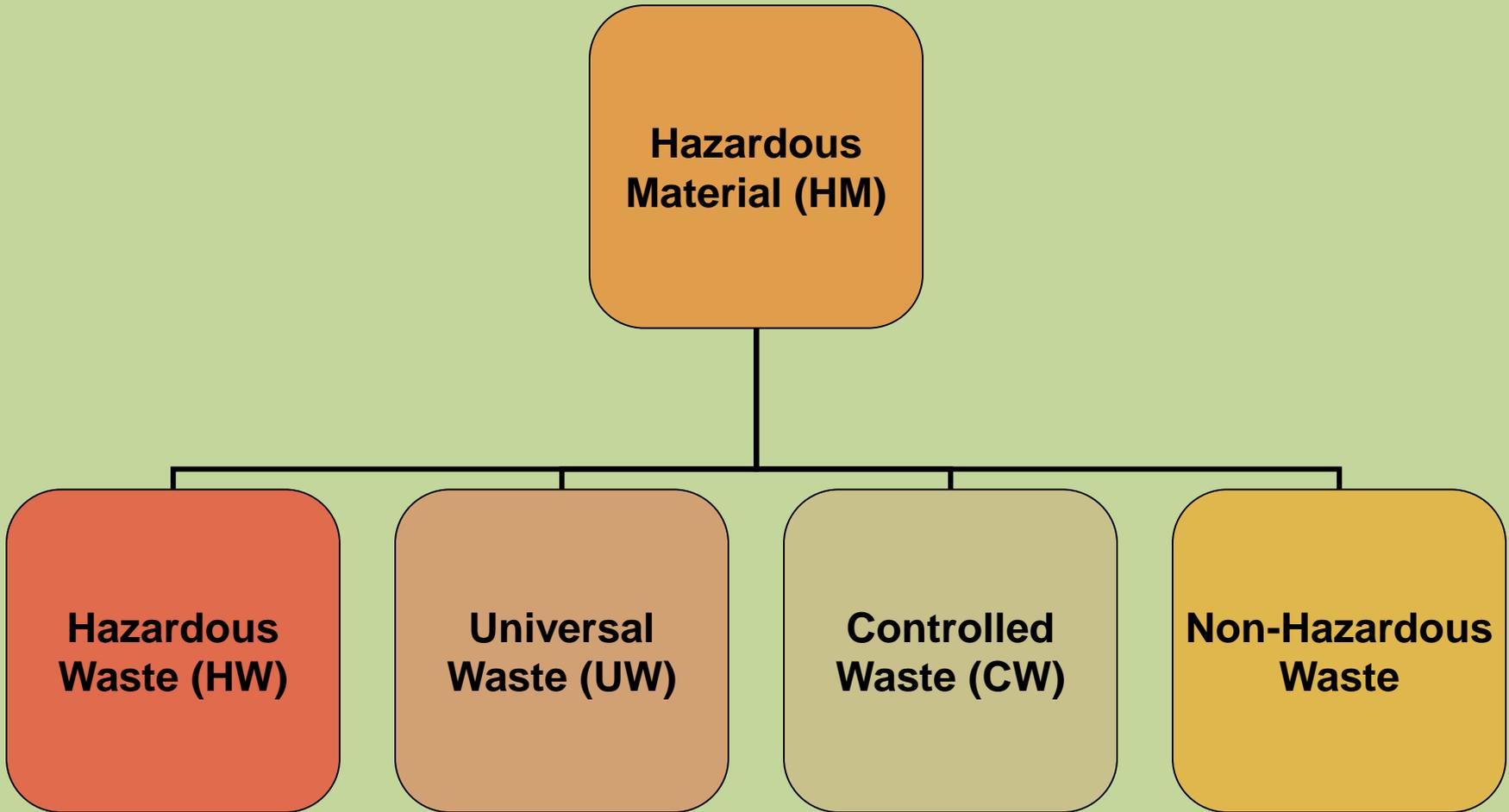


Hazardous Substance Management Program

Ms. Heather Thomas
Environmental Management Branch

Hazardous Substances



Waste Identification

- Waste is something that can no longer be used or is intended for disposal
- All waste must be evaluated to determine proper disposal method
- Common wastes refer to Environmental Guidebook
- Information from label is sometimes used

Good Housekeeping Practices

- Containers properly labeled and stored
- Incompatible materials separated
- Storage areas labeled, protected from rain, and away from storm drains
- Flammable materials stored IAW Ft. Jackson Fire Dept. Regulations
- SDSs located near HM storage areas



Poor Housekeeping Practices

- Unlabeled or mislabeled containers
- Hazardous materials stored in food or drink containers
- Hazardous materials stored near food or drink
- Improperly stored containers
- Open Containers



Container Management

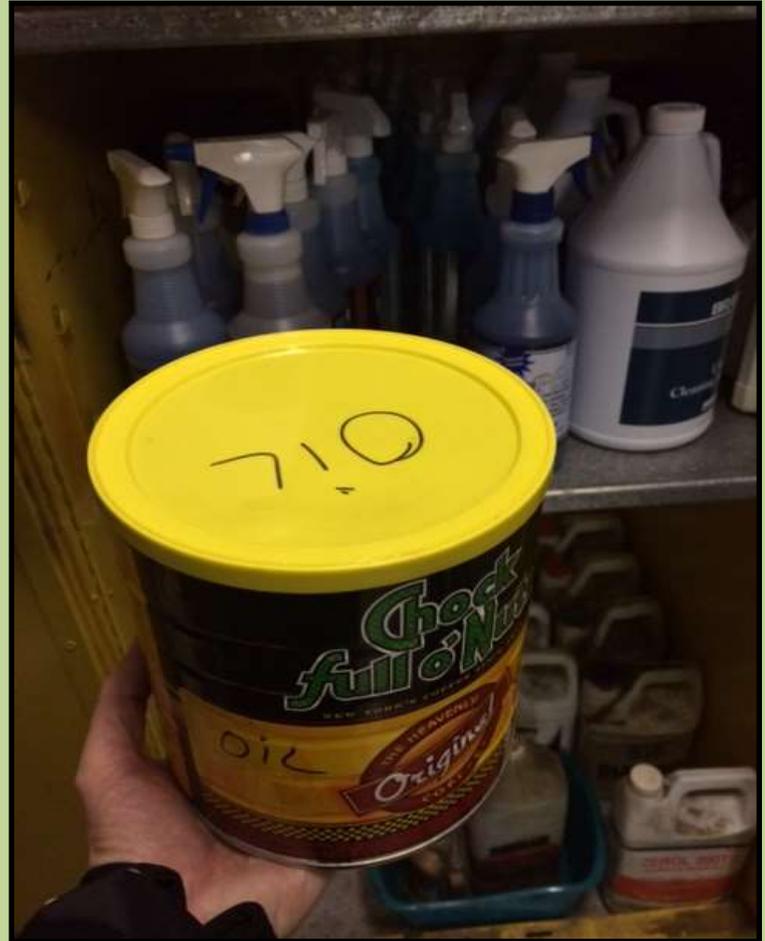
- Package hazardous substances in appropriate containers
 - No food or drink containers
 - No damaged containers (i.e. badly rusted or dented)
 - No bulging containers (call ENV immediately!)
- Ensure containers are tightly sealed
- Ensure containers are labeled and marked IAW regulations
- Flammables stored IAW fire regulations



What is wrong with this picture?









HW Satellite Accumulation Area (SAA) Requirements

- Containers must be labeled
- Containers must be closed except when adding or removing waste
- Waste must not exceed 55 gallons for more than 72 hours
- The Accumulation Start Date must be marked on the label after reaching 55 gallons
- SAA must have a sign
- SAA must be inspected
- SAA must be located near the point of generation

HAZARDOUS WASTE

FEDERAL LAW PROHIBITS IMPROPER DISPOSAL.
IF FOUND, CONTACT THE NEAREST POLICE, OR PUBLIC SAFETY AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

GENERATOR INFORMATION:
NAME _____
ADDRESS _____ PHONE _____
CITY _____ STATE _____ ZIP _____
EPA /MANIFEST ID NO./ DOCUMENT NO. _____ / _____
ACCUMULATION START DATE _____ EPA WASTE NO. _____

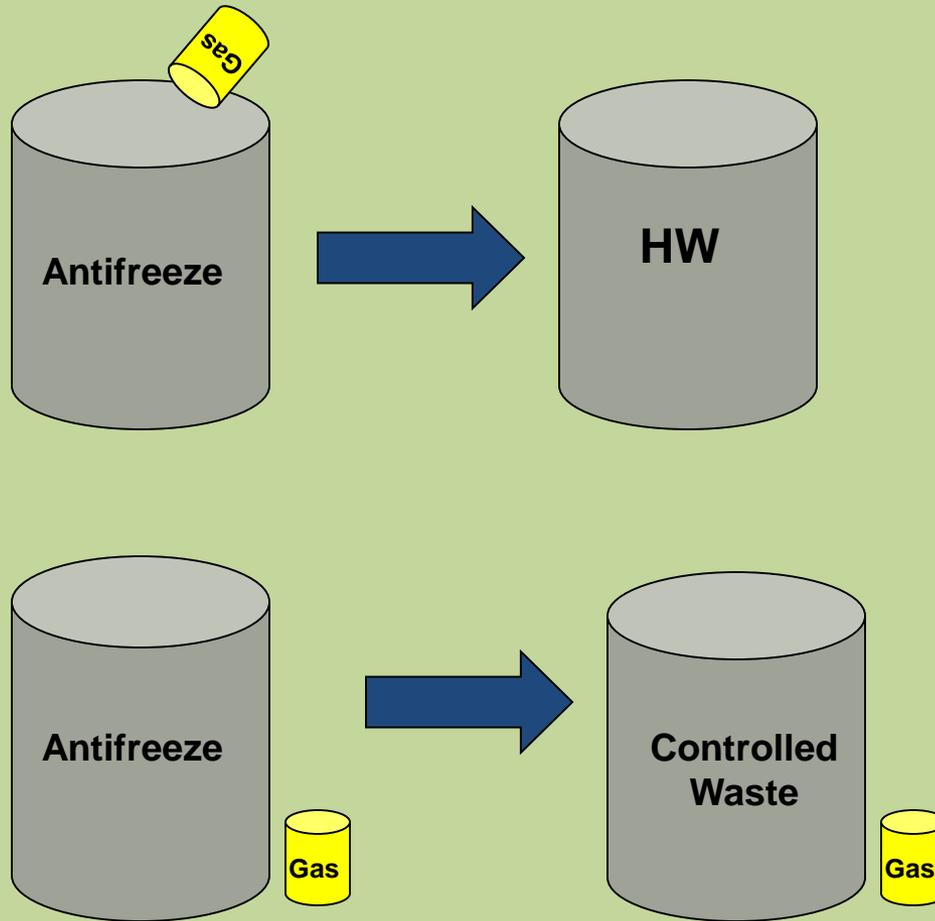
D.O.T. PROPER SHIPPING NAME AND UN OR NA NO. WITH PREFIX

HANDLE WITH CARE!

STYLE WWS6

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Hazardous Waste Minimization



- If you add 1 gal of gasoline to a drum containing 53 gal of antifreeze, you will have 54 gal of HW.
- If you keep the gasoline separate from the antifreeze, you will have 1 gal of gasoline and 53 gal of controlled waste.

Parts Washers & Weapons Cleaning Tanks

- Pre-clean equipment or parts
- Clean only parts/weapons
- Keep lids closed when not in use
- Do not contaminate fluid with other chemicals
- Before servicing a sample of fluid must be analyzed



UW Management - Lamps

- Used lamps must be carefully packed
- The accumulation start date, the phrase “Used Lamps”, and the quantity must be marked on the box
- Boxes must be sealed and protected from the weather and potential breakage
- Lamps **should not** be taped together



UW Management - Batteries

- Used batteries should be individually bagged and packed in a sealed container
- The accumulation start date and the phrase “Used Batteries” must be marked on the box
- Boxes should be protected from the weather



Spill Response Actions

(Spill Response Plan – Page 15 of HSMP)

- Secure & evacuate the area
- Call 911 (Fire Department)
- Protect yourself with the appropriate PPE
- Stop the flow
- Contain the spill
- Prevent the spill from reaching a storm drain or body of water
- A reportable spill is generally defined as anything over 5 gallons

Spill Response Violations



Common Violations

- Open containers
- Unlabeled or mislabeled containers
- Improper management of UW (batteries)



Hazardous Substance Management Class

- Annual requirement for personnel who store or manage HW, controlled waste, or have a high potential for HW generation or hazardous substance violations.
- 2 ½ hour class offered every quarter at Building 2563, Essayons Way

Heather Thomas

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Manager

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