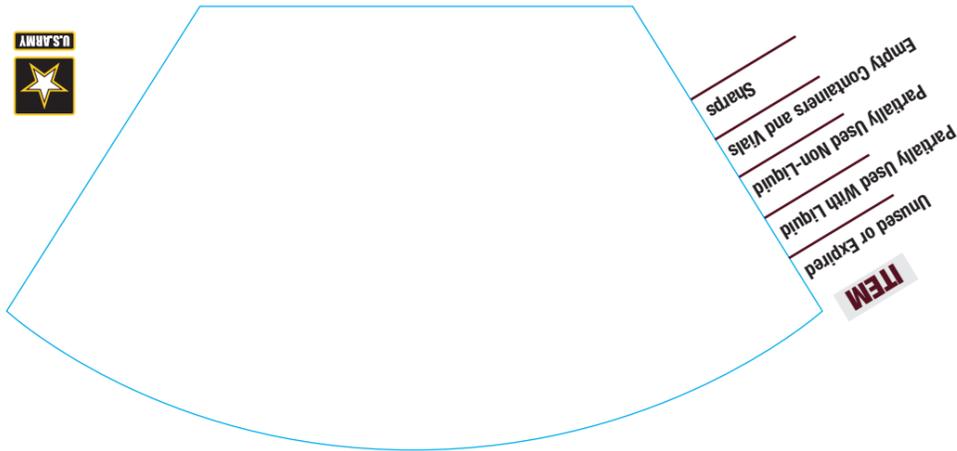


Disposal of Pharmaceutical Waste

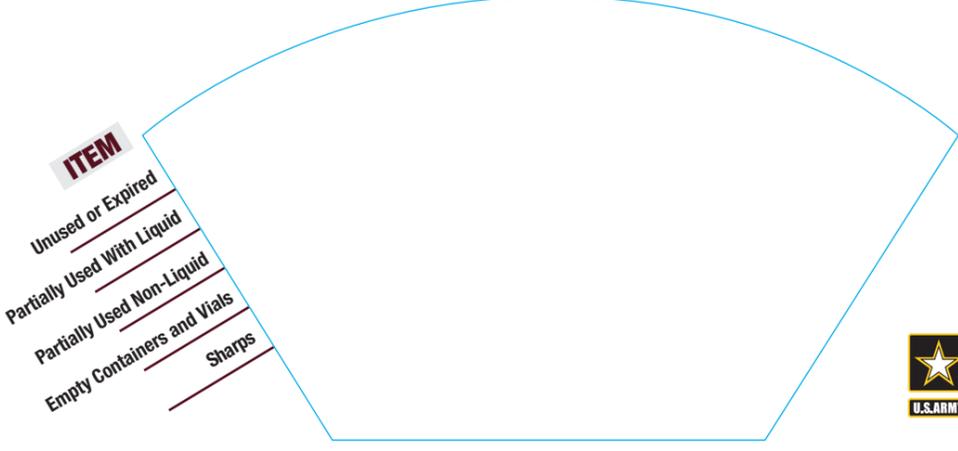
CATEGORY



Item Description
» Unused or expired (in original packaging)
» Partially used containers, bottles, IV bags, vials, and open packaging with measurable amounts of liquid residue
» Partially used containers, bottles and opened packaging with non-liquid (solid) pharmaceuticals, to include individual loose pills & "floor sweeps"
» Empty containers and empty vials (e.g., empty bottles, IV bags, soufflé (pill) cups, wrappers, foil that enclosed the pharmaceutical and blister packs)
» Empty used dispensing instruments - Sharps (e.g., syringes)



CATEGORY



Item Description
» Unused or expired (in original packaging)
» Partially used containers, bottles, IV bags, vials, and open packaging with measurable amounts of liquid residue
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» Empty used dispensing instruments - Sharps (e.g., syringes)



Management for Specific Pharmaceuticals

Epinephrine - In all states except in WA, manage epinephrine under section "Non-Hazardous Waste" - In WA ONLY, manage epinephrine under section "Acute Hazardous Waste (P-Listed)"

Insulin - Manage under section "Hazardous Waste (Characteristic/D-Listed)" as an EPA D024 HW

Nicotine - Manage all forms of nicotine (i.e., tablets, gum, lozenges, and patches) under section "Acute Hazardous Waste (P-Listed)" - Used nicotine patches may be disposed of as solid waste/regular trash

Nitroglycerine - In all states except HI, manage nitroglycerine under section "Non-Hazardous Waste" - In HI ONLY, manage nitroglycerine under section "Acute Hazardous Waste (P-Listed)"

Applicability
 The management guidance provided is applicable to CONUS (to include AK, HI, and Puerto Rico) locations
 This guidance applies to pharmaceutical waste generated at Medical Treatment Facilities, and does not apply to wastes generated at households.
 Management of certain pharmaceuticals may require alternate management based on local or state regulations, consult with the Host Installation Environmental Office for guidance.

Additional Resources
 Military Item Disposal Instruction (MIDI) Database:
<http://phc.amedd.army.mil/topics/envirohealth/wm/Pages/MIDI.aspx>
CONTACT APHC WMP (phone: 1-800-276-MIDI (6434) or DSN 584-3651/email: usarmy.app.medcom-phc.mbx.hmwmp@mail.mil)
 for questions regarding any of the issues addressed in this guidance tool.

- Footnotes**
1. Facilities in CA, CO, CT, KS, KY (except for Ireland ACH), MO, NM, NY, OK, SC and WA may NOT return unused or expired HW pharmaceuticals to Returns Vendor. In these states ONLY, manage as HW.
 2. Special Drug Waste that is also a HW (P-listed, U-listed) - place in a HW container/manage as HW.
 3. Place empty Aseptic Trioxide/TrisenoX containers/vials (a P-listed waste) in a HW container/manage as acute HW.
 4. Vaccines that contain Thimerosal are considered HW, DLA Disposition Services may require facility to render live vaccines inactive, with certification, prior to off-site shipment as HW. Contact APHC for additional guidance.
 5. Local/State Regulations may restrict discharge to Solid Waste/Wastewater. Consult with Host Installation Environmental Office for disposal options.
 6. Coordinate with Host Installation Environmental Office to request disposal through DLA Disposition Services as non-hazardous waste.
- Additional Resources**
 Military Item Disposal Instruction (MIDI) Database:
<http://phc.amedd.army.mil/topics/envirohealth/wm/Pages/MIDI.aspx>
CONTACT APHC WMP (phone: 1-800-276-MIDI (6434) or DSN 584-3651/email: usarmy.app.medcom-phc.mbx.hmwmp@mail.mil)
 for questions regarding any of the issues addressed in this guidance tool.

Special Drug Waste¹⁰

(Antineoplastic/Cytotoxic/NIOSH Hazardous Drug List)

Send to Returns Vendor¹

Chemotherapy Waste Container or MTF Procedures²

Chemotherapy Waste Container or MTF Procedures²

Chemotherapy Waste Container or MTF Procedures³

Chemotherapy Waste Sharps Container or MTF Procedures

**Hazardous Waste
(U-Listed)**

Send to Returns Vendor¹

Manage as HW

Manage as HW

Manage as Solid Waste/Regular Trash or Recycle

RMW Sharps Container

TOP



BOTTOM

**Acute Hazardous Waste
(P-Listed)**

Send to Returns Vendor¹

Manage as Acute HW

Manage as Acute HW

Manage as Acute HW

RMW Sharps Container

Send to Returns Vendor¹

Manage as HW

Manage as HW

Manage as Solid Waste/Regular Trash or Recycle

RMW Sharps Container

**Hazardous Waste
(Characteristic/D-Listed)**

Vaccines (containing no Thimerosal)

Send to Returns Vendor

RMW Sharps Container

N/A

RMW Sharps Container

RMW Sharps Container

Vaccines (containing Thimerosal)

Send to Returns Vendor^{1,4}

Manage as HW⁴

N/A

RMW Sharps Container

RMW Sharps Container

TOP



BOTTOM

Controlled Substances

Send to Returns Vendor^{7,8}

Returns Vendor^{7,8} or Manage IAW Army and DEA Requirements⁵

Returns Vendor^{7,8} or Manage IAW Army and DEA Requirements⁵

Manage as Solid Waste/Regular Trash⁹ or Recycle

RMW Sharps Container

Non-Hazardous Waste (non-HW/non-Special Drug/non-Controlled)

Send to Returns Vendor

Solid Waste/Wastewater Disposal⁹, or Turn in to DLA Disposition Services⁶

Return Vendor, Solid Waste/Wastewater⁵, or DLA Disposition Services⁶

Solid Waste/Regular Trash or Recycle

RMW Sharps Container