# mazardous waste determinations & Classifications Master Flowchart **START HERE** Is your material a WASTE? Refer to: Waste Definition Flowchart YES Is your waste a **SPECIAL WASTE**? Refer to: Special Waste Flowchart NO Is your waste **REACTIVE**? Refer to: Reactivity Flowchart NO YES Is your waste **CORROSIVE**? Refer to: Corrosivity Flowchart YES NO Your waste is: Is your waste **IGNITABLE**? YES **HAZARDOUS** Refer to: Ignitability Flowchart **WASTE** YES Is your waste an OXIDIZER? Refer to: Oxidizing Flowchart YES NO Is your waste **TOXIC**? Refer to: Toxicity Flowchart NO Is your waste a **MEDICAL WASTE**? Refer to: Medical Waste Flowchart NO Your waste is NOT a Consider your waste NO **STOP** YES Hazardous Waste HAZARDOUS. Still think your waste might be Contact ORM (4-3265) or <u>hazwaste@gwu.edu</u> **HAZARDOUS?** for proper disposal. Physical LIQUID **SOLID** State

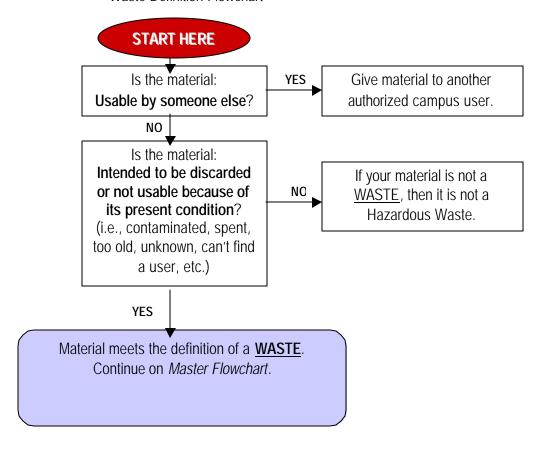
Continue to:

Drain Disposal Flowchart

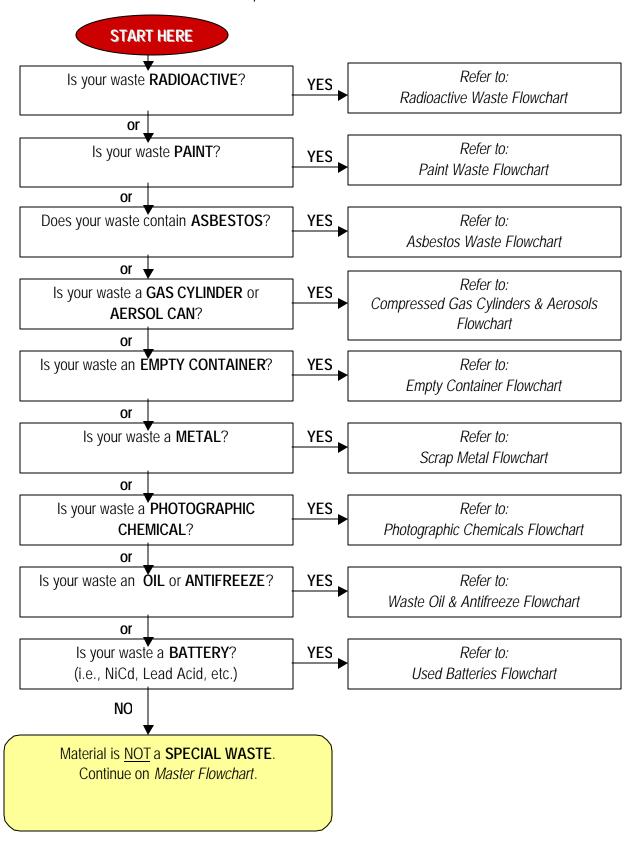
Deface container label. Dispose in

regular trash.

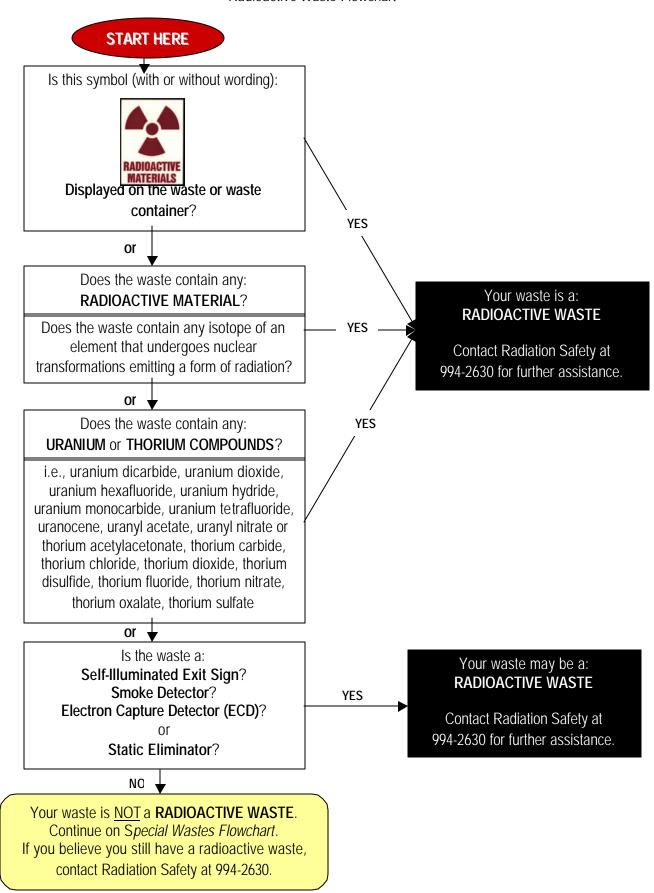
Waste Definition Flowchart



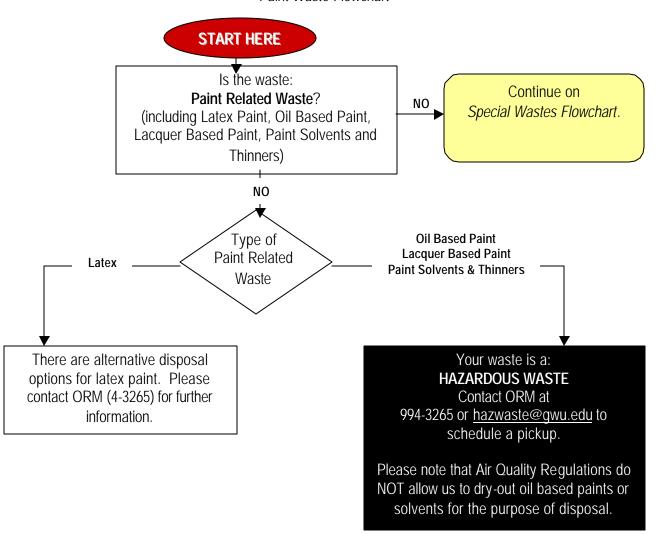
Special Waste Flowchart



Radioactive Waste Flowchart



Paint Waste Flowchart



Asbestos Waste Flowchart



Does the waste:

Contain > 1% Asbestos?

Examples of Materials Commonly Containing Asbestos (but not limited to):

- Sheet Rock Taping and Joint Compound
- Fire Door Core Material
- Roofing Felt
- Floor Tile and Mastic
- Transite Sheets (Cementious Panels)
- Sprayed-on Ceiling Materials
- Boiler Insulation
- Pipe Insulation
- Brake Pads
- Clutch Pads
- Gaskets
- Electrical Wire Insulation
- Thermal Insulation on Electrical Appliances

YES

Your waste is a:

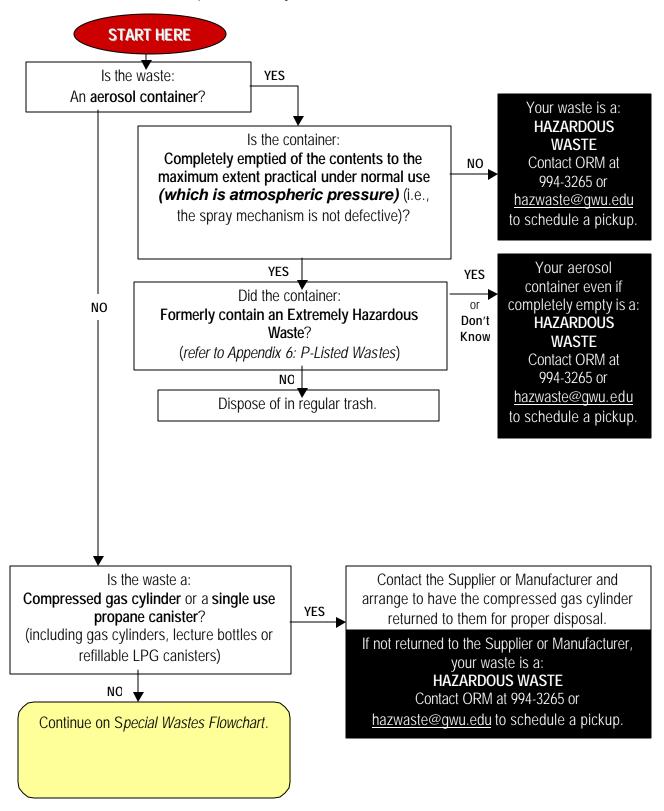
# **REGULATED WASTE**

Contact ORM at 994-3265 or <a href="mailto:hazwaste@gwu.edu">hazwaste@gwu.edu</a> to schedule a pickup.

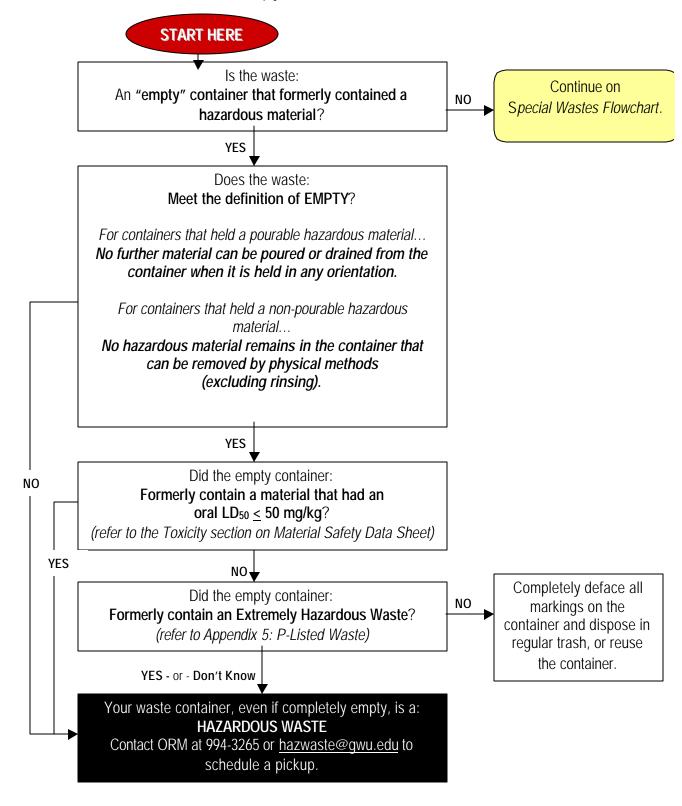
NO.

Continue on Special Wastes Flowchart.

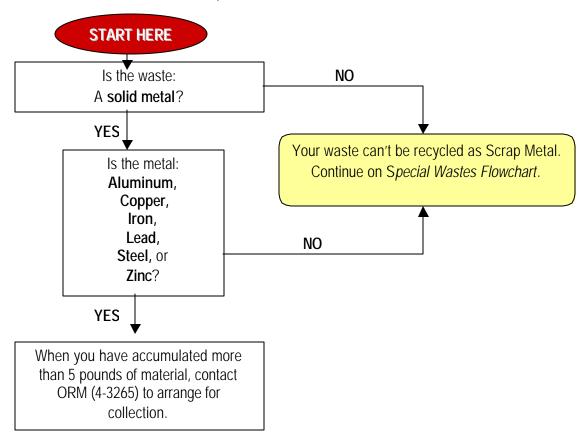
Compressed Gas Cylinders & Aerosols Flowchart



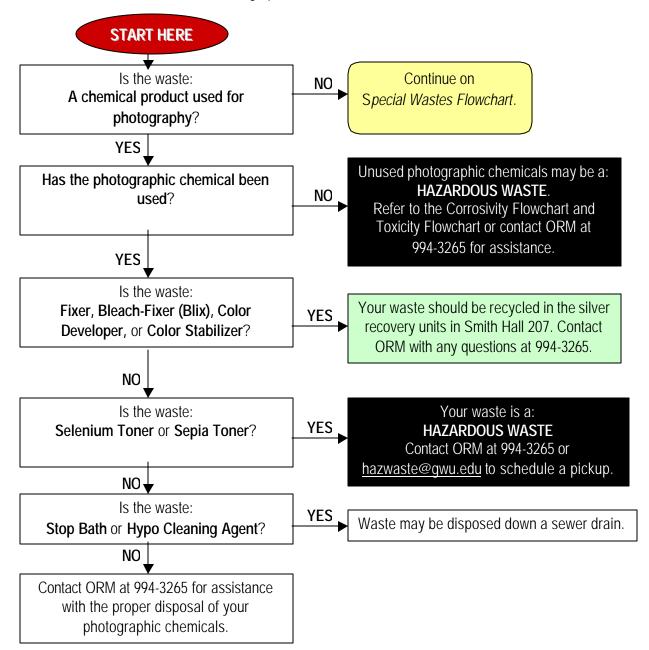
Empty Containers Flowchart



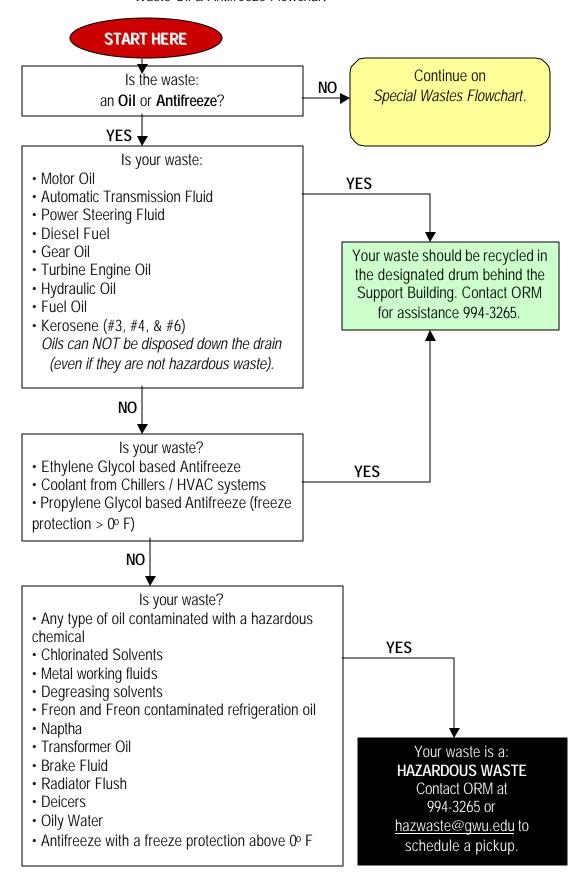
Scrap Metal Flowchart



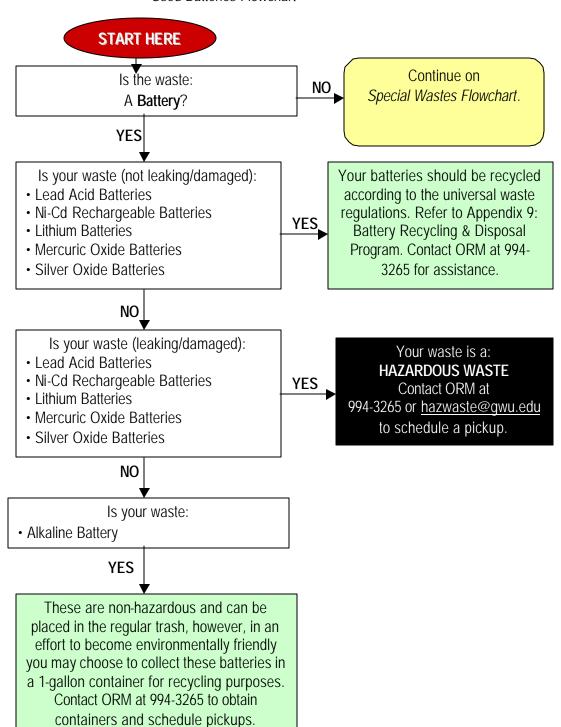
Photographic Chemicals Flowchart



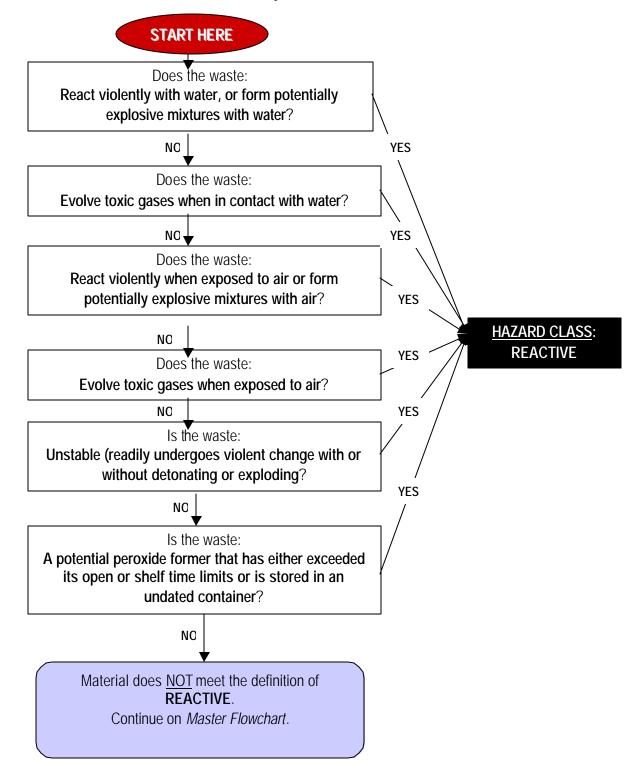
Waste Oil & Antifreeze Flowchart



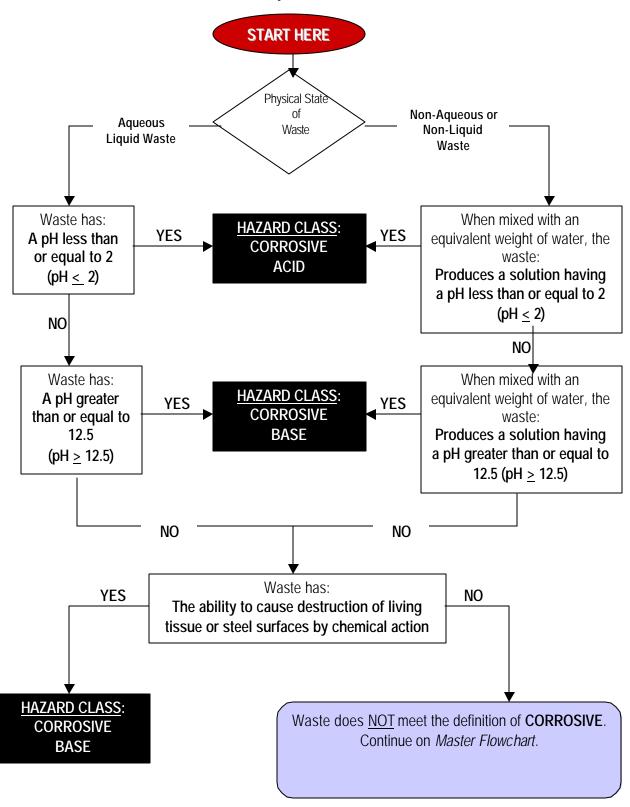
Used Batteries Flowchart



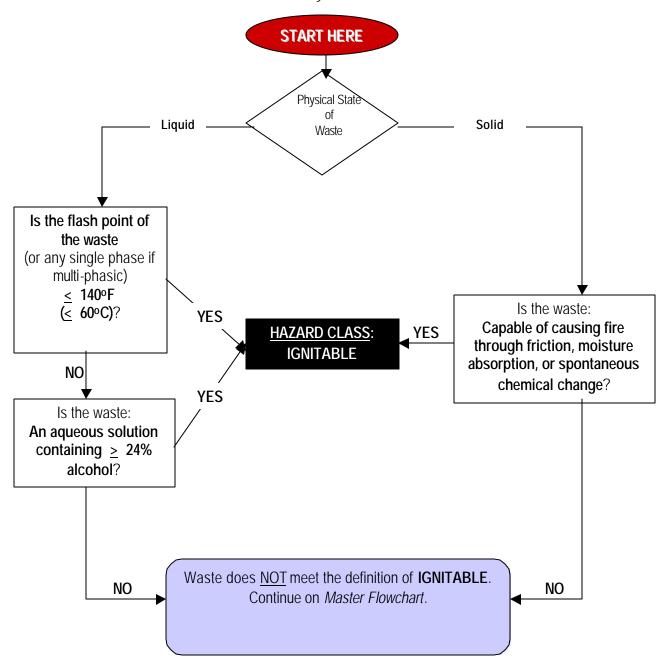
Reactivity Flowchart



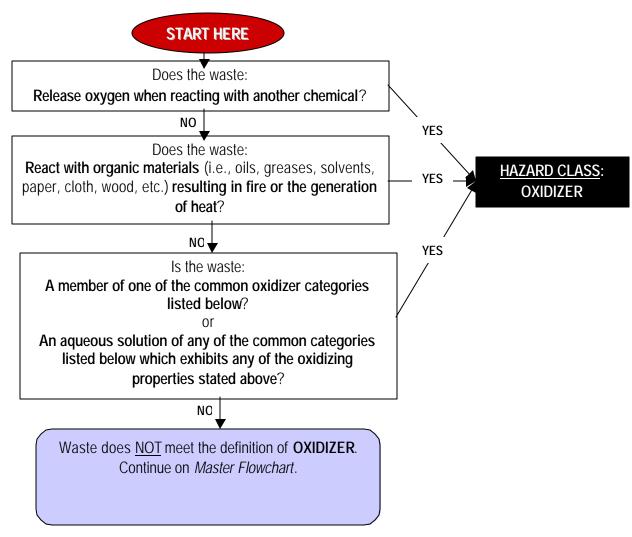
Corrosivity Flowchart



Flammability Flowchart



Oxidizing Flowchart



# Examples:

# SOLIDS

Bismuthates

Bromates

Ferric sulfate

Chlorates

Chlorites

Chromates

Chromium trioxide

Dichromates

Ferric chloride

Ferric trioxide

Ferriccyanides

Hypochlorites

lodates

lodine

Manganese dioxide

Nitrates

Perborates

Perchlorates

Periodic acid

Permanganates

Permangic acid

Peroxides

Persulfates

# LIQUIDS

Bromine

Hydrogen peroxide

Perchloric acid (pH > 2)\*

• Chromic acid (pH > 2)\* • Nitric acid (pH > 2)\*

• Sulfuric acid (pH > 2)\*

<sup>\*</sup> Oxidizing mixtures having a pH £ 2 are classified as corrosive.

Toxicity Flowchart



# TOXICITY

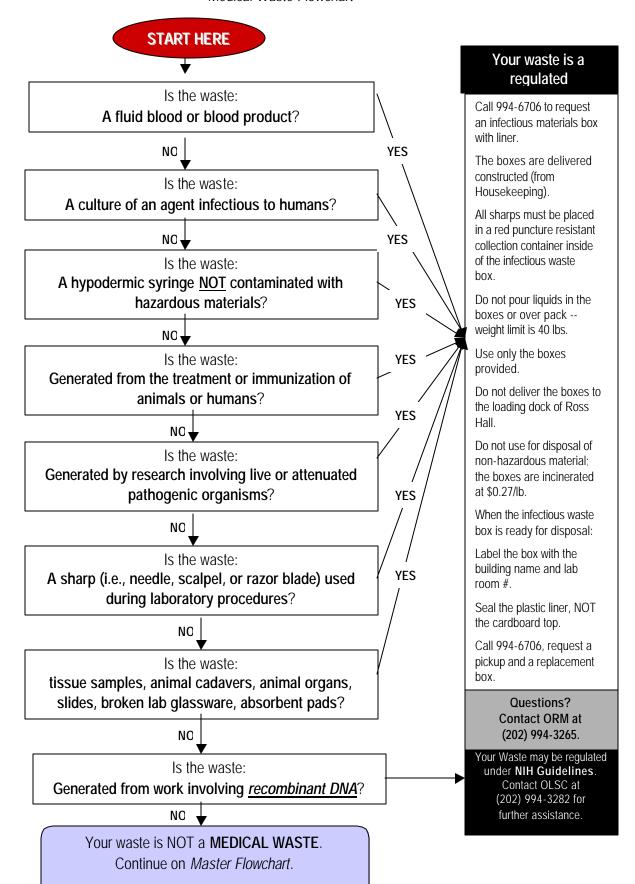
The determination of a waste as a hazardous waste due to its toxicity is a process that is complicated by many lists and many different criteria. In an attempt to provide guidelines that are relatively straightforward, only the lists and criteria of general applicability are summarized in this Hazardous Waste Management Plan. Before determining that a questionable waste is not toxic, please check with ORM (994-3265) so we can look at the complete regulatory requirements.

Also refer to material safety data sheets for toxicity information.

If waste does <u>NOT</u> meet the definition of **TOXIC**.

Continue on *Master Flowchart*.

Medical Waste Flowchart



Drain Disposal Flowchart

