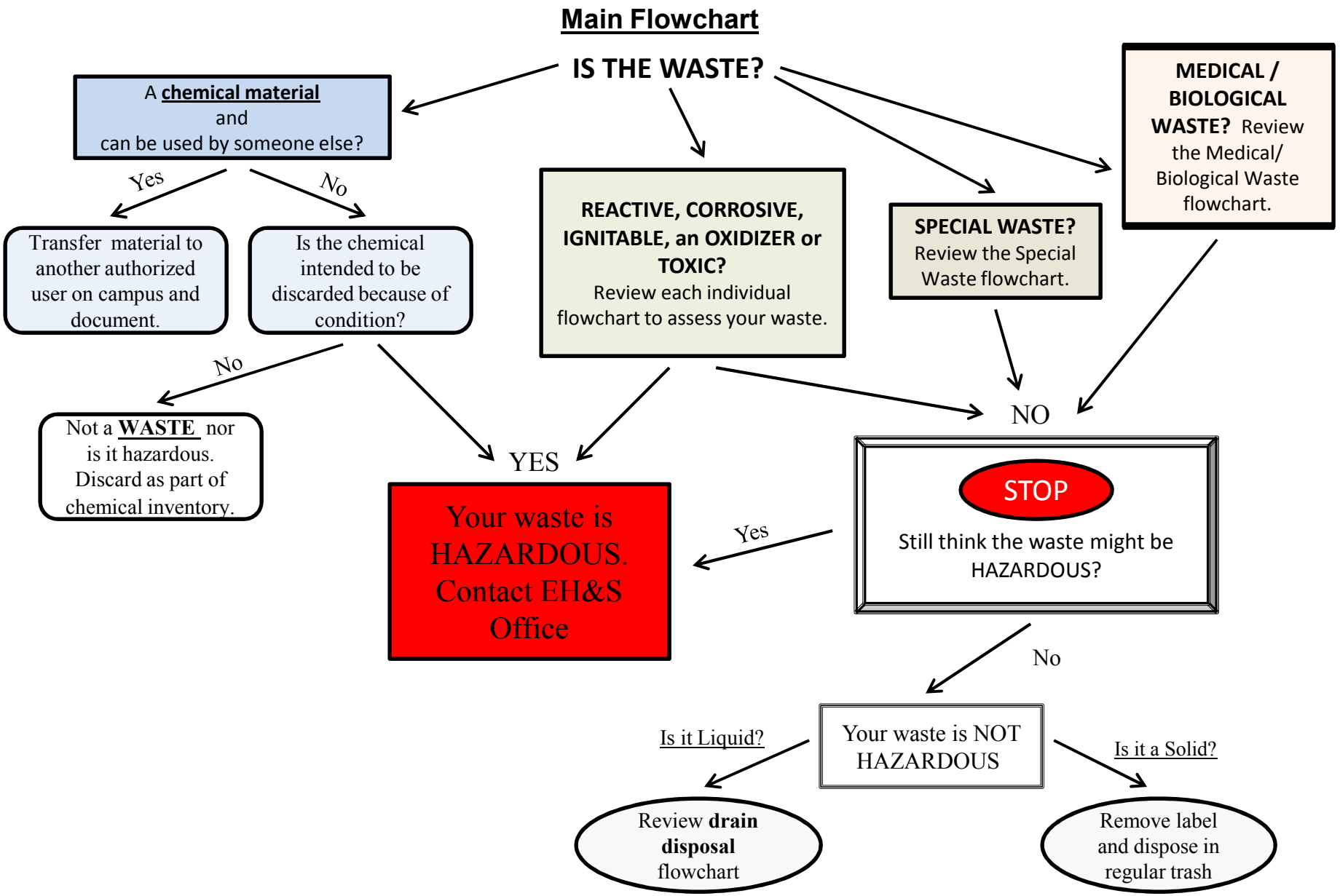
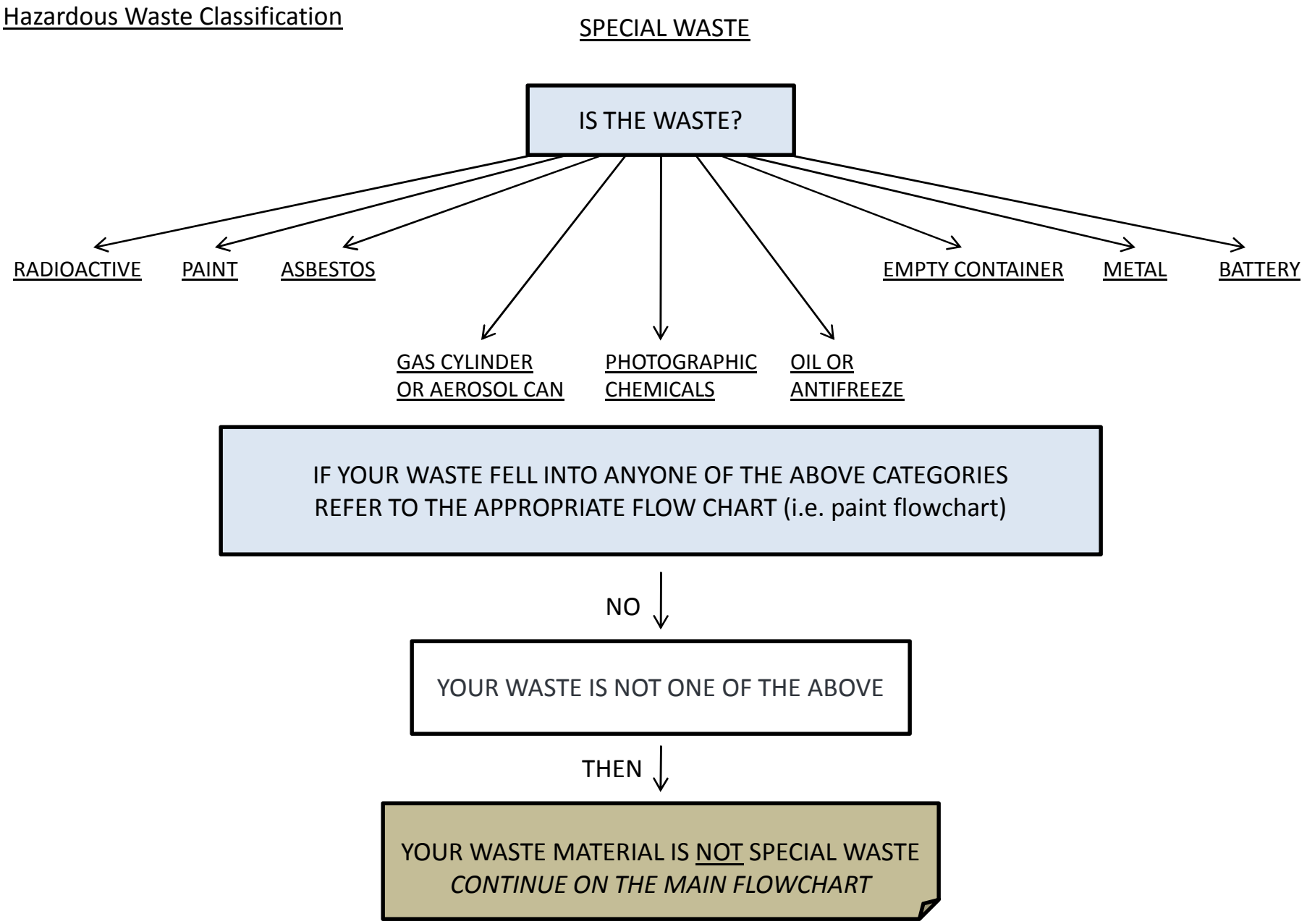
Hazardous Waste Classification

WASTE DEFINITIONS AND DETERMINATION



Hazardous Waste Classification



Hazardous Waste Classification

RADIOACTIVE WASTE

DOES YOUR WASTE CONTAIN ANY OF THE FOLLOWING?

THIS SIGN DISPLAYED ON THE WASTE OR WASTE CONTAINER?

OR

RADIOACTIVE MATERIAL?
(ANY ISOTOPE EMITTING A FORM OF RADIATION)

URANIUM OR THORIUM COMPOUNDS?

SELF-ILLUMINATED EXIT-SIGN?
SMOKE DETECTOR?
ELECTRON CAPTURE DETECTOR?
OR STATIC ELIMINATOR?

YES

CONTACT:
RADIATION SAFETY OFFICE
YOUR WASTE MAY BE RADIOACTIVE WASTE

NO

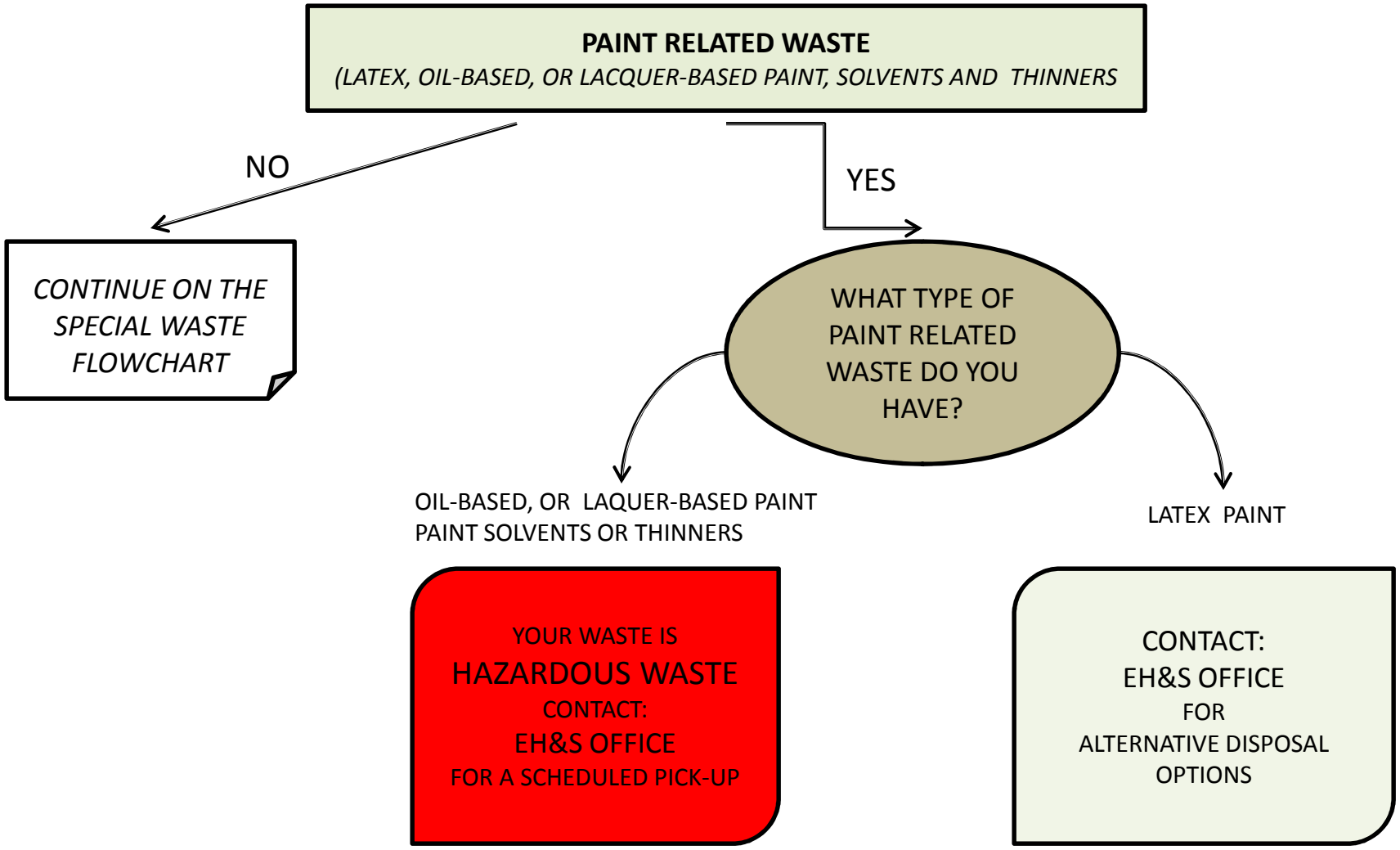
YOUR WASTE IS NOT RADIOACTIVE WASTE

CONTINUE ON THE SPECIAL WASTE FLOWCHART

Hazardous Waste Classification

PAINT RELATED WASTE

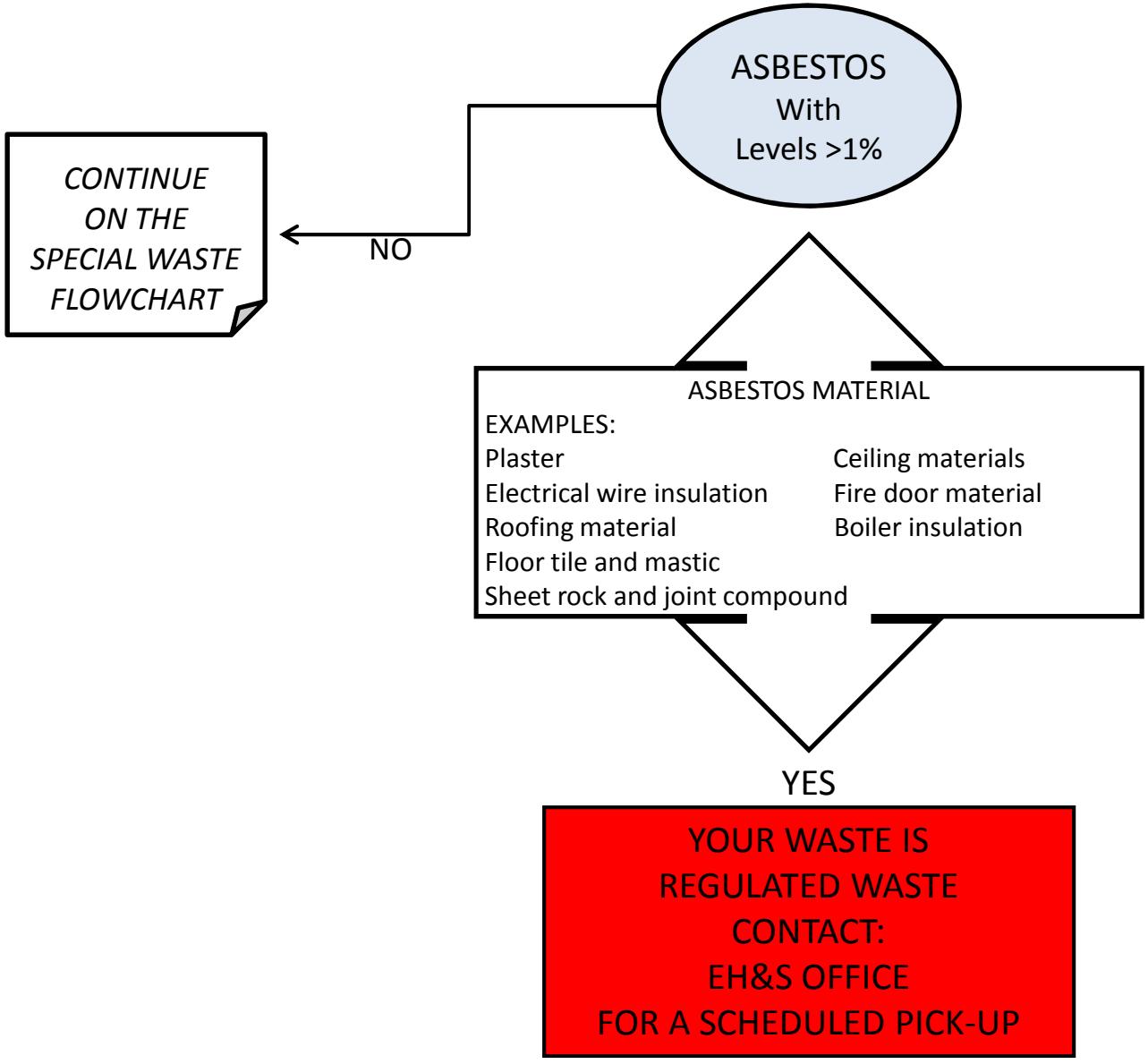
IS THE WASTE?



Hazardous Waste Classification

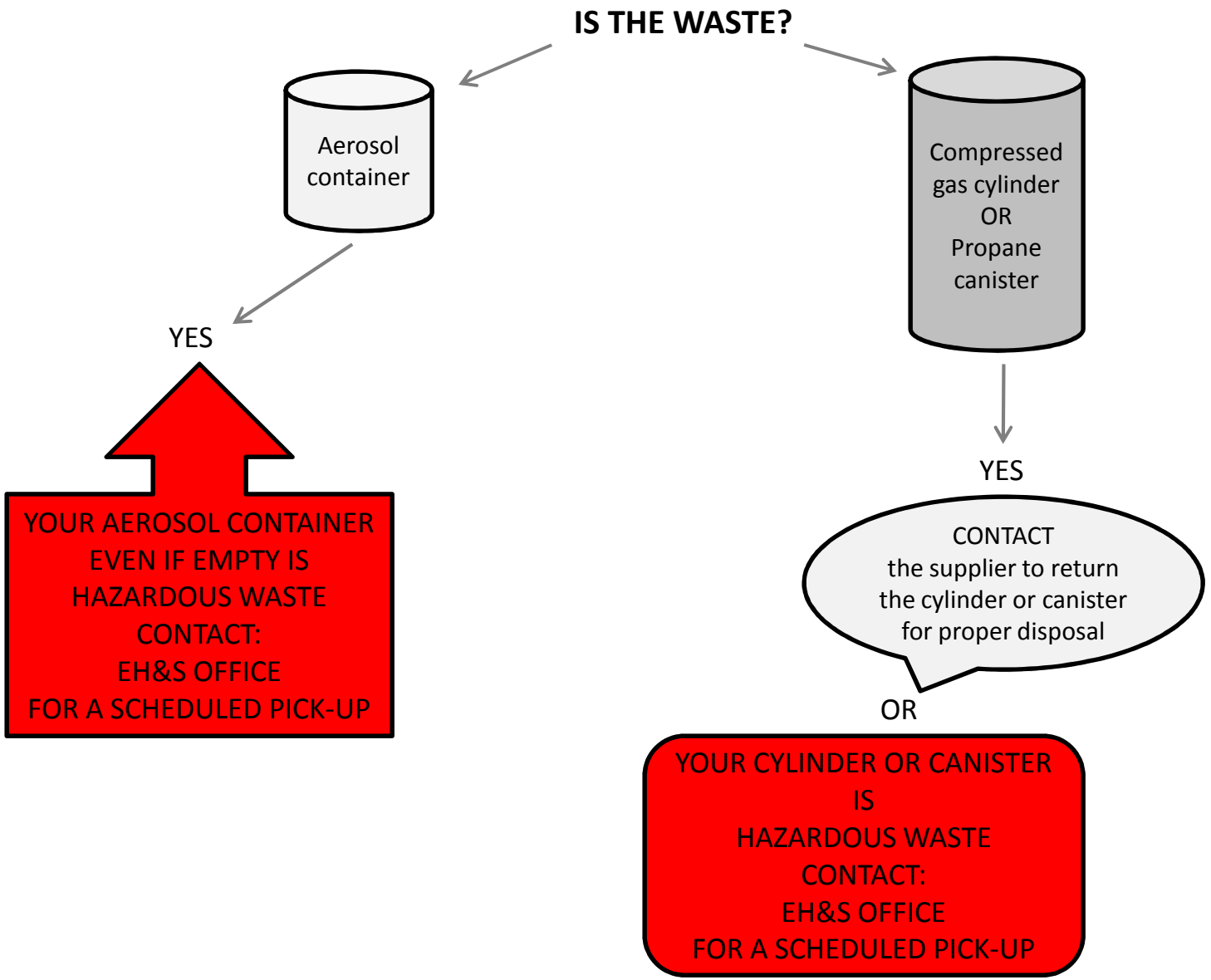
ASBESTOS WASTE

IS THE WASTE?



Hazardous Waste Classification

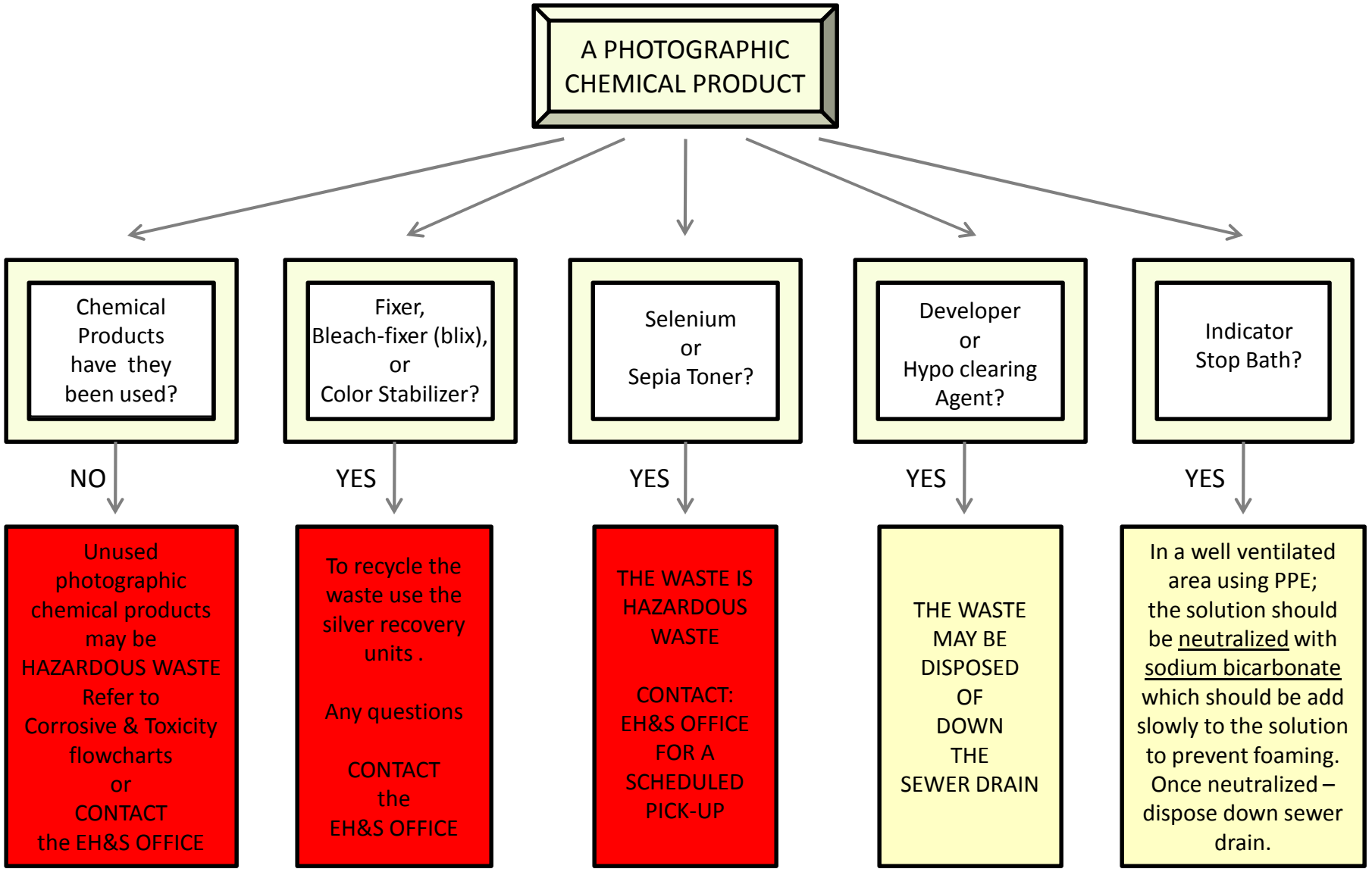
COMPRESSED GAS CYLINDERS & AEROSOL CONTAINERS



Hazardous Waste Classification

PHOTOGRAPHIC CHEMICAL WASTE

IS THE WASTE?



Hazardous Waste Classification

OIL & ANTIFREEZE WASTE

IS THE WASTE?

OIL

YES

Type of Oil

- Motor oil
- Power steering fluid
- Gear oil
- Hydraulic oil
- Kerosene
- Transmission fluid
- Diesel fluid
- Fuel oil

YES

Recycle the waste in the designated drum. For assistance CONTACT EH&S OFFICE

YES

ANTIFREEZE

YES

Type of Antifreeze

- Ethylene Glycol
- Coolant from Chillers/ HVAC systems
- Propylene Glycol

NO

THEN

IS THE WASTE?

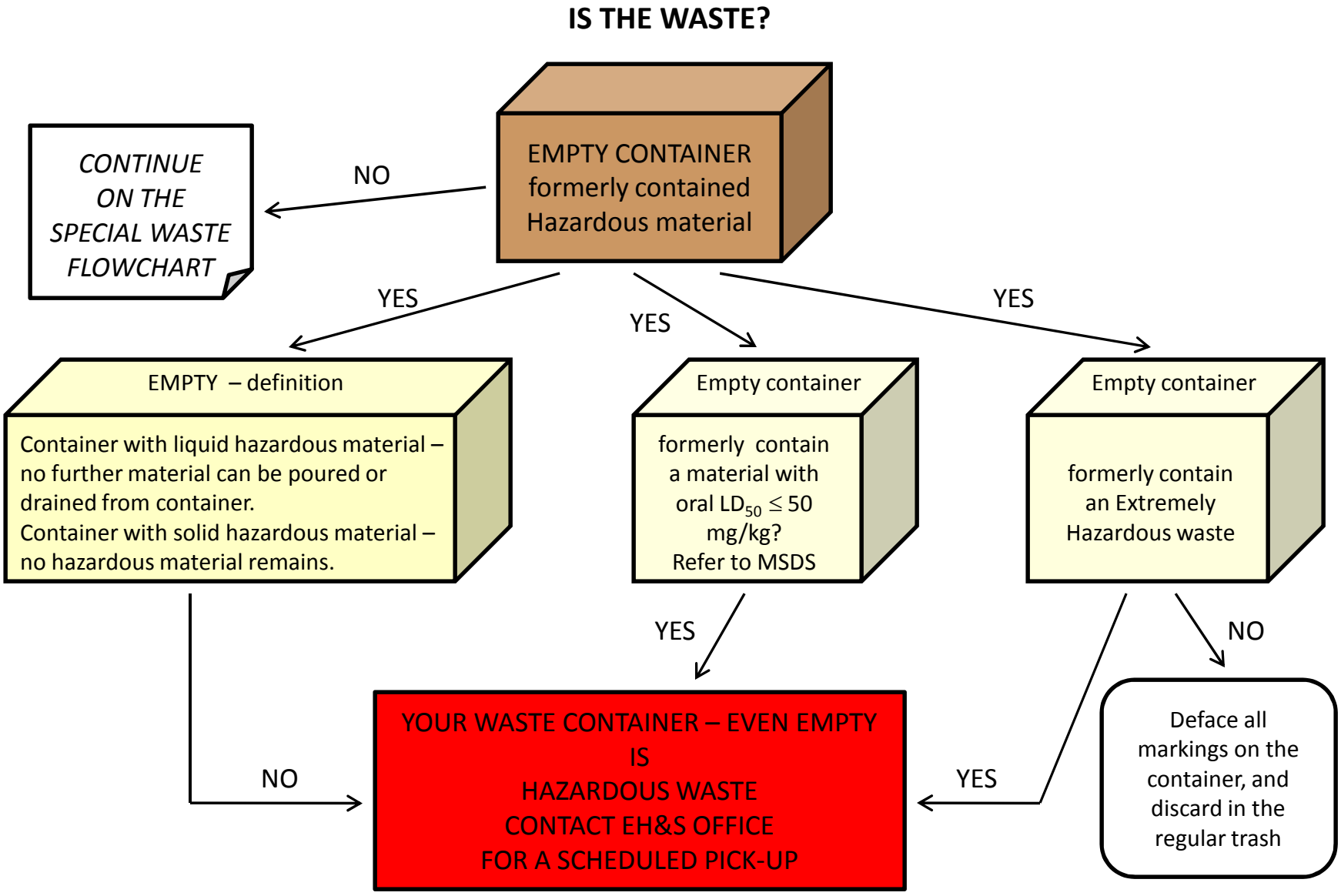
- Hazardous chemical contaminated with oil
- Gasoline
- Oily water
- Radiator flush
- Brake fuild
- Degreasing solvents
- Chlorinated solvents
- Freon or Freon contaminated with oil
- Transformer oil

YES

YOUR WASTE IS HAZARDOUS WASTE CONTACT: EH&S OFFICE FOR A SCHEDULED PICK-UP

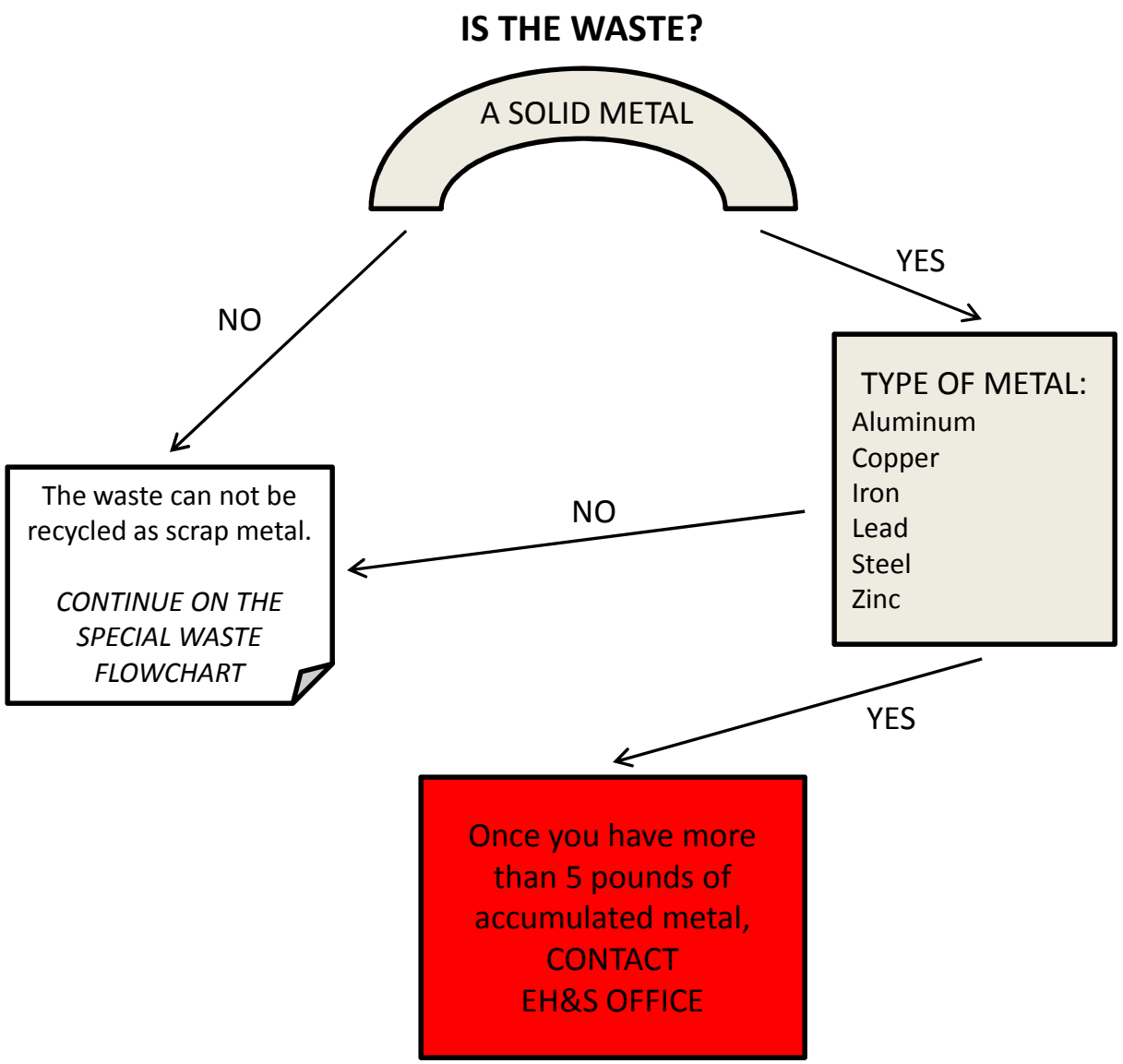
Hazardous Waste Classification

EMPTY CONTAINERS



Hazardous Waste Classification

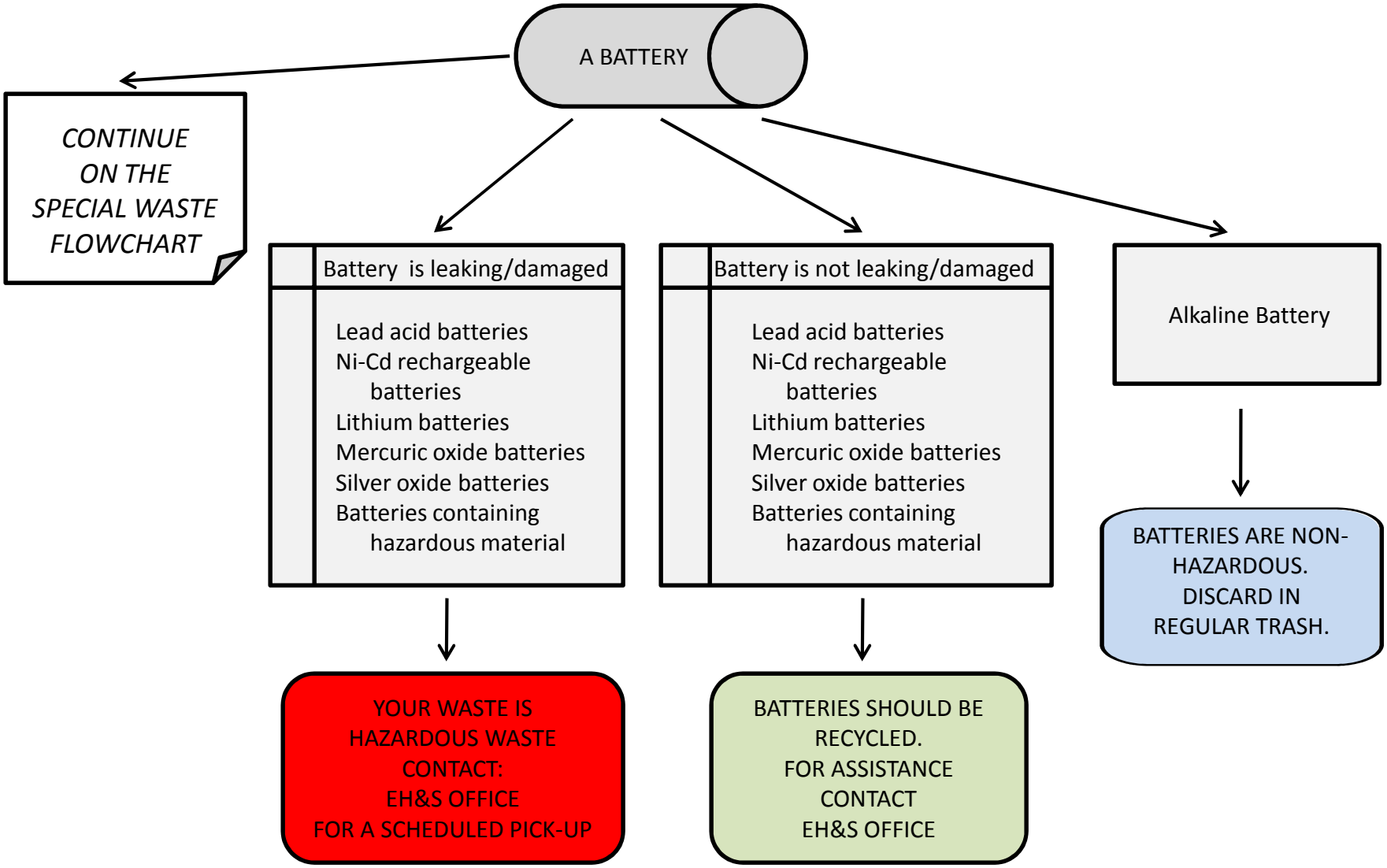
SCRAP METAL WASTE



Hazardous Waste Classification

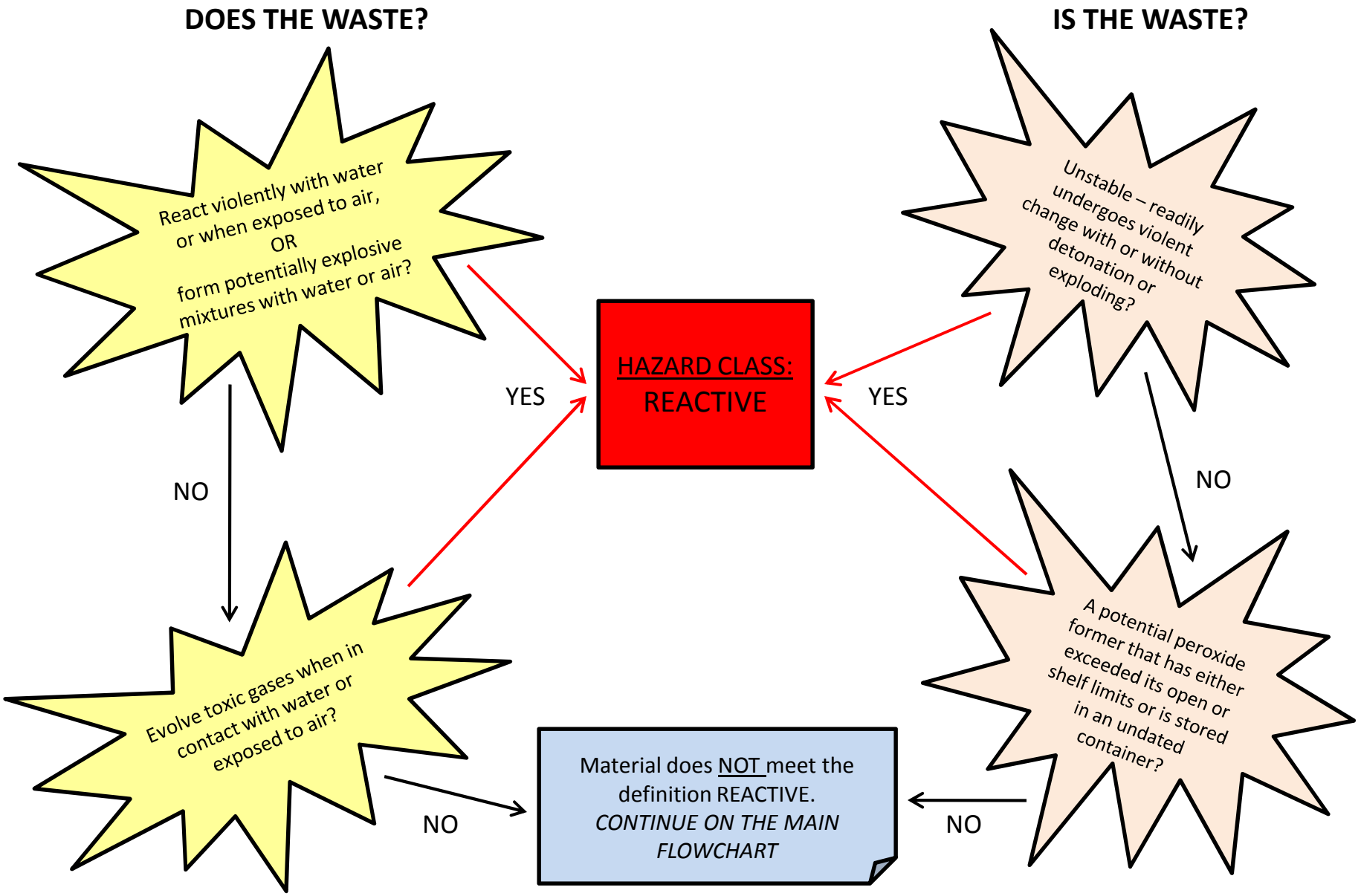
USED BATTERIES

IS THE WASTE?



Hazardous Waste Classification

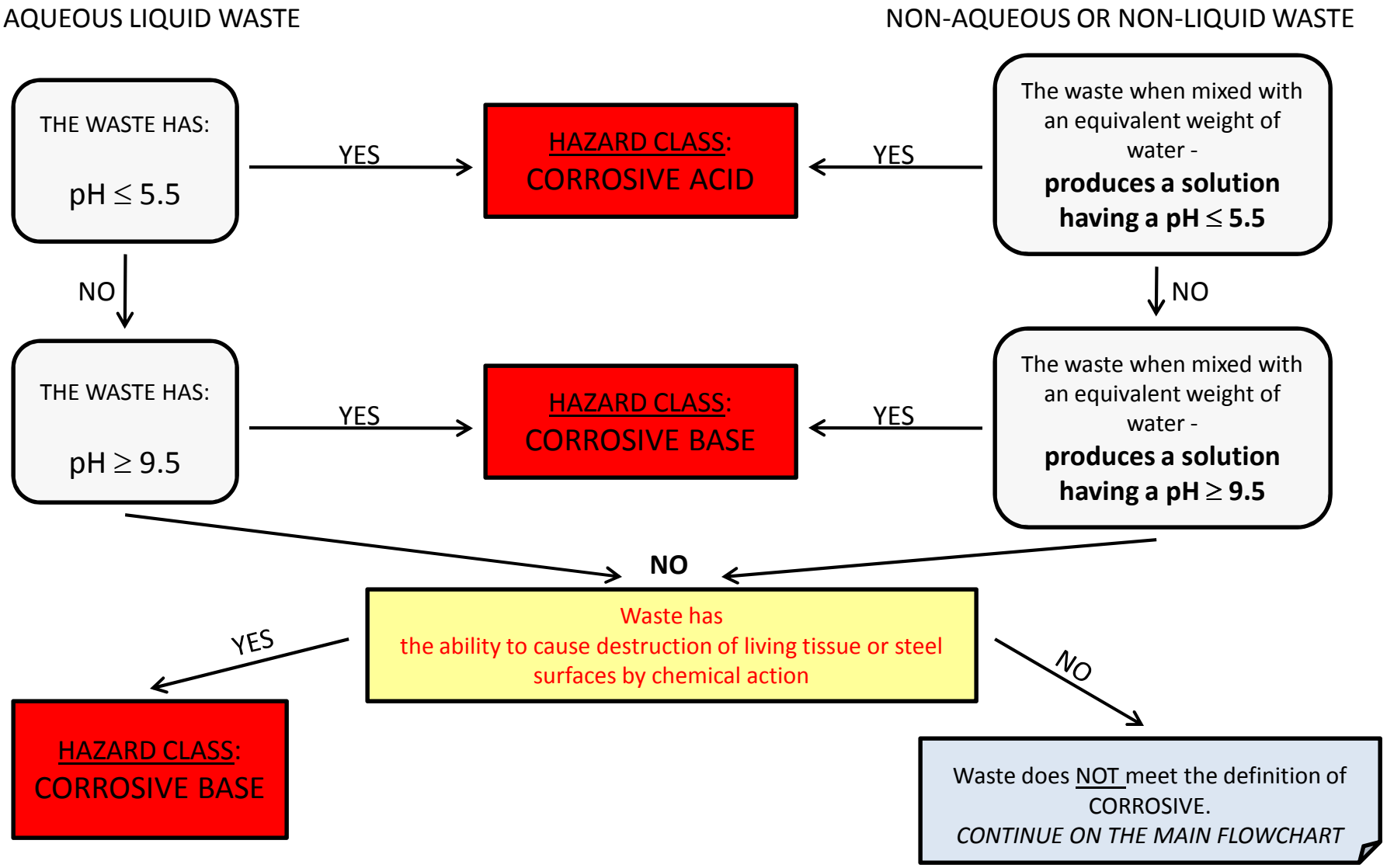
REACTIVE WASTE



Hazardous Waste Classification

CORROSIVE WASTE

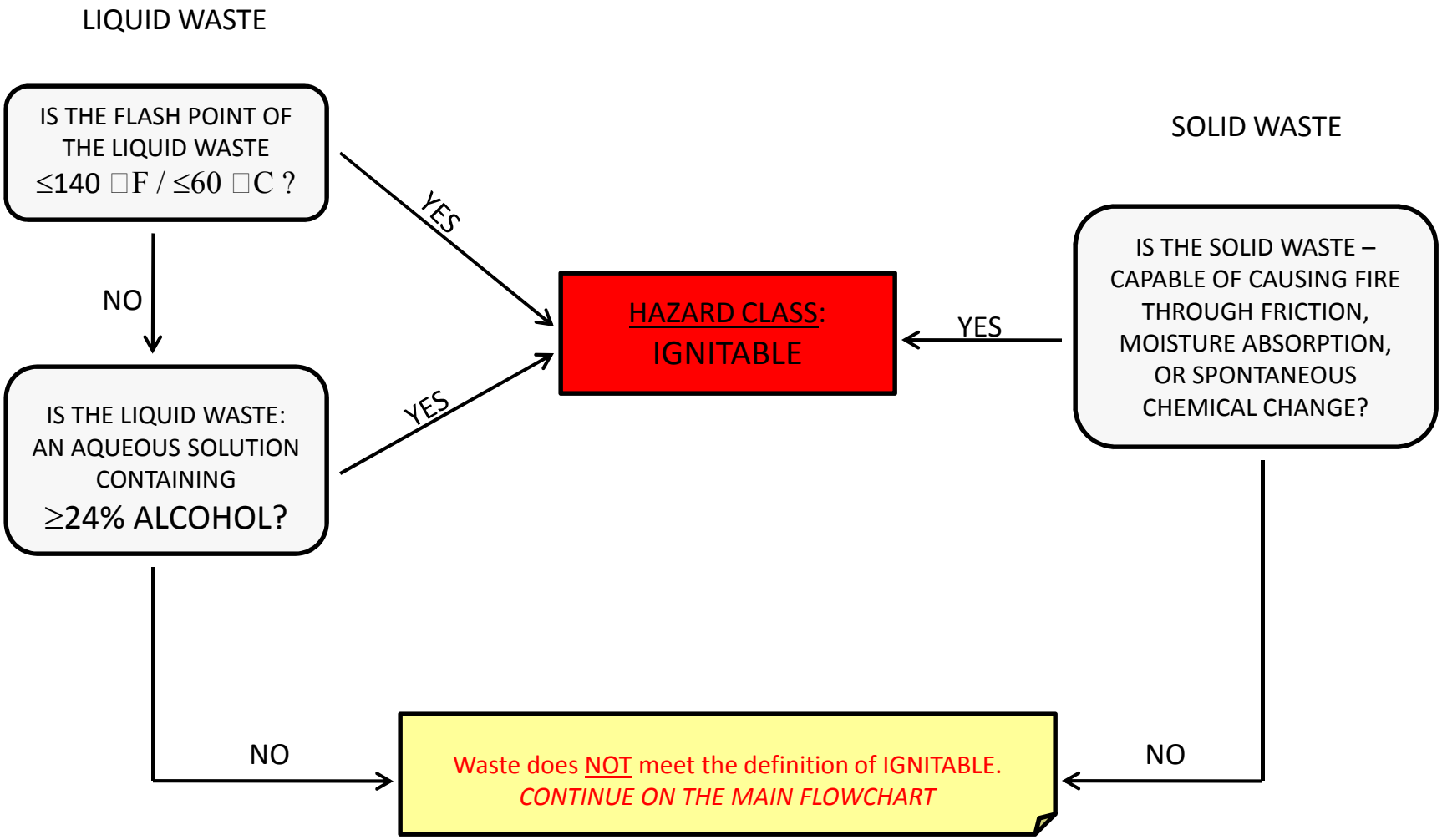
PHYSICAL STATE OF THE WASTE?



Hazardous Waste Classification

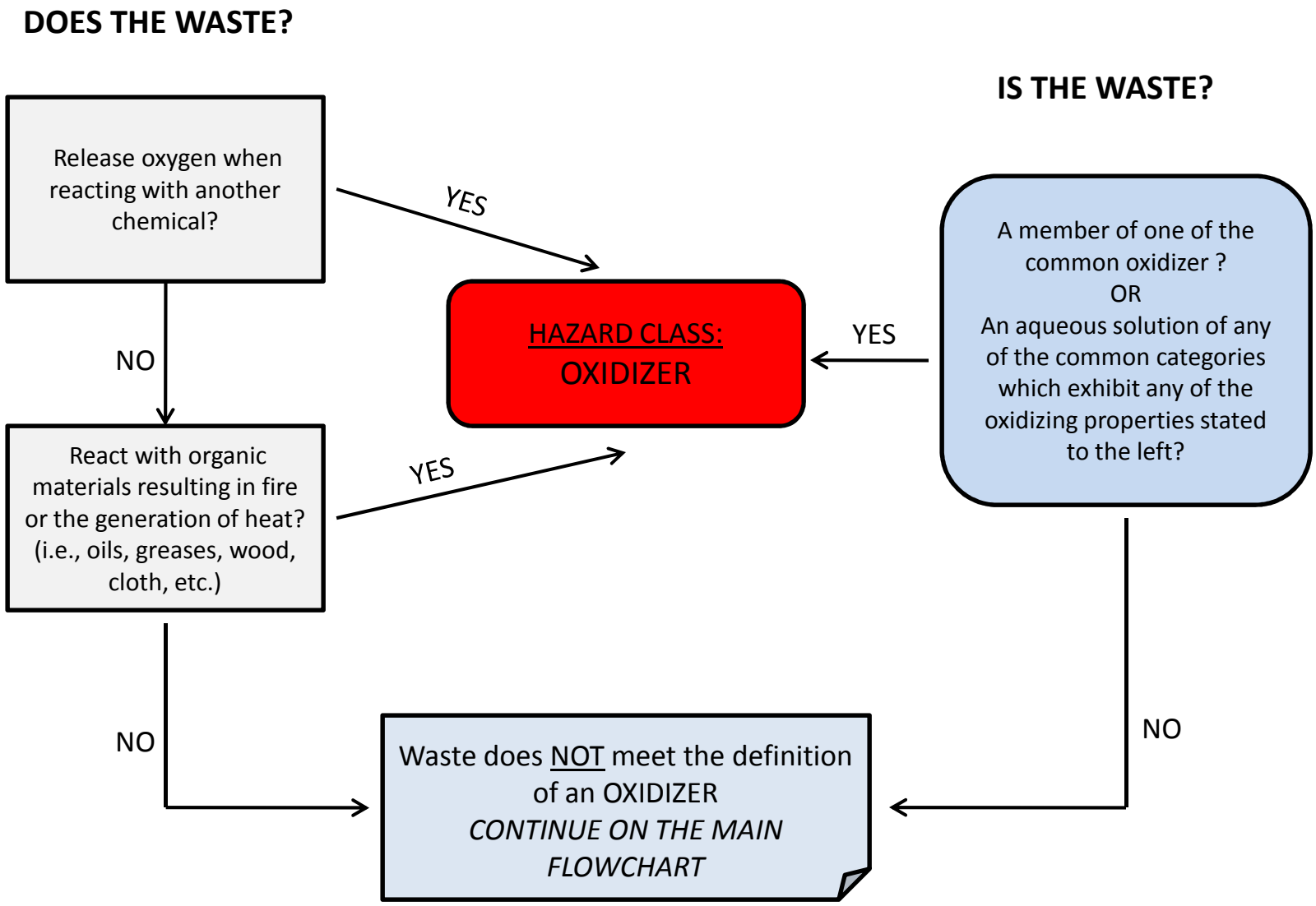
IGNITABLE WASTE

PHYSICAL STATE OF THE WASTE?



Hazardous Waste Classification

OXIDIZING WASTE



Hazardous Waste Classification

TOXICITY WASTE

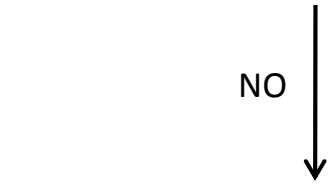
TOXICITY?

THERE ARE MANY DIFFERENT CRITERIA AND LISTS MAKING IT A COMPLICATED PROCESS WHEN DETERMINING WASTE AS HAZARDOUS WASTE DUE TO THE TOXICITY.

REVIEW THE GUIDELINES IN THE HAZARDOUS WASTE PLAN, AND THE MATERIAL SAFETY DATA SHEETS TO DETERMINE THE TOXICITY.

FOR QUESTIONS REGARDING THE TOXICITY OF A WASTE, CHECK WITH THE EH&S OFFICE BEFORE DISPOSING OF THE WASTE.

NO



Waste does NOT meet the definition of TOXIC

CONTINUE ON THE MAIN FLOWCHART

Medical/Biological Waste Decision Process

Is the Waste?

- A bloody fluid, blood product, or an item contaminated with visible blood?
- A culture of an agent infectious to humans?
- A used hypodermic syringe NOT filled with hazardous materials?
- Generated from the treatment or immunization of animals or humans?
- Generated by research involving live or attenuated pathogenic organisms?

If YES to any of these questions:

The waste is a regulated BIOMEDICAL WASTE

At the point of origin, all sharps must be placed in a red puncture resistant biomedical waste collection container, and all non-sharps waste must placed in a properly labeled biomedical waste bag in a labeled and puncture-proof outer container. Sealed sharps containers and red bags will be collected by the custodial staff.

Generated from work involving recombinant DNA?

Yes

The waste may be regulated under NIH guidelines. Contact EHS Office for further assistance.

The following may be placed into the regular trash, if not contaminated with biomedical waste:

- Non-infectious pipettes, tubes, tubing or other glass or plastic containers
- Non-infectious scalpels, razors, glass or plastic (e.g. centrifuge tubes, microcentrifuge or Eppendorf tubes, curettes and capped tubes) These materials must be packaged to prevent sharp points or edges from protruding through a regular trash bag containers and do not present a threat of infection to humans.
- Non-infectious solid animal dissection waste that was previously in a preservative. This waste (no liquid preservative) must be double bagged in thick plastic bags and sealed.

Hazardous Waste Classification

DRAIN DISPOSAL