

Standard Operating Procedure

Carcinogens

Hazard Description: Carcinogens are chemicals that are known to cause cancer in humans and/or animals or are suspected of causing cancer. Refer to the Particularly Hazardous Substances section of the Chemical Hygiene Plan for a full definition of “Select Carcinogens”. Carcinogenic effects may only become evident after a long latency period and may cause not immediate harmful effects.

Labeling: Labeling must adhere to the requirements outlined in the Chemical Hygiene Plan. Carcinogens have the following GHS “Health Hazard” pictogram:



Storage: Storage of carcinogens must adhere to the requirements outlined in the Chemical Hygiene Plan.

Handling: In addition to the requirements outlined in the Chemical Hygiene Plan the following should be considered when handling carcinogens:

- Must be handled in a signed, designated area of the laboratory.
- Carcinogens should be used inside fume hoods or if necessary, a glove box.
- Use disposable work surface covers (bench protectors) in areas where carcinogens chemicals are handled to prevent contamination of work surface.
- Immediately close all containers of carcinogens after use.
- Do not dispense carcinogens directly onto a laboratory balance in the general lab space. Instead, use sealable pre-tared container inside fume hood, then take the sealed container to the balance. Make all adjustments inside a fume hood.

Personal Protective Equipment: Reference SDS.

Spill and Decontamination: For spills of solid materials, do not dry sweep. Reference SDS.