



Newly Synthesized Chemical Hazard Information For Your Laboratory

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HAZARD COMMUNICATION FOR NEWLY SYNTHESIZED CHEMICALS

Before beginning laboratory research with a particular substance, the hazard properties of that substance should be determined so that appropriate personal protection and safe handling procedures can be developed.

Principal Investigators are responsible for ensuring that any known hazard properties for newly synthesized chemicals are communicated to laboratory personnel. The hazards for particularly hazardous substances (carcinogens, mutagens, highly acute toxins) and handling procedures for these substances are especially important to communicate.

Principal Investigators are also responsible for ensuring that newly synthesized chemicals used within their laboratories are properly labeled with the name and any particularly hazardous information.

If the hazards of a chemical synthesized in the laboratory are unknown, then the chemical must be assumed to be hazardous and the label should indicate the potential hazards of that substance have not been tested and are unknown.

OSHA Form 174 can be used to communicate hazard information about a newly synthesized chemical and will also serve as documentation of hazard determination for the material [similar to a Material Safety Data Sheet (MSDS)]. This form is attached below.

DOMESTIC SHIPMENT FOR NEWLY SYNTHESIZED CHEMICALS

Shipments of newly synthesized chemicals or samples to locations within the U.S. Customs Territory must be accompanied with information that informs the receiver of potential or actual hazards. Please complete the TSCA Domestic Shipment Form and include with each shipment.

Procedures:

1. For all domestic shipments of chemicals or samples within the US Customs Territory, complete TSCA Domestic Shipment Form (attached below) and include a signed copy with the shipment.
2. Mark the words "*Contents To Be Used For Research And Development Purposes Only*" on the outside of the shipping package.
3. Maintain copies of this Form in your laboratory records for next three years. EPA inspectors may ask to see these forms during a regulatory inspection as proof of compliance.