

## Regulatory Agencies Involved in the Transport of Hazardous Materials

### **U.S. Department of Transportation (DOT):** 49 CFR Parts 171-180

The DOT regulates the transportation of hazardous chemicals, infectious substances, diagnostic specimens, medical waste, and radioactive materials in the United States. The rules specify requirements for packaging, labeling, shipping papers, vehicle placards, and training for hazardous material shipments. The DOT enforces all hazmat rules and training in the U.S.

[<http://hazmat.dot.gov/regs/rules.htm>]

### **International Air Transportation Association (IATA):** Dangerous Goods Regulations

As a trade association for the airlines, IATA has developed a set of rules, the IATA Dangerous Goods Regulations, that incorporate the ICAO Technical Instructions and add restrictions deemed appropriate by air carriers. Most air carriers will not accept hazmat shipments that do not meet IATA restrictions. For practical purposes, IATA rules are the ones to which shippers by commercial air must comply. If you choose to ship under IATA rules (or if your air carrier insists on this option) then you must be trained in those rules. [<http://www.iata.org/index.htm>]

### **Public Health Service, Centers for Disease Control (CDC):** 42 CFR Part 72

The CDC regulates interstate transportation of etiologic agents, which are viable microorganisms or their toxins that can cause human disease. The regulations provide packaging and labeling requirements for biological agents and diagnostic specimens, as well as a list of etiologic agents for which special tracking and permitting is required.

[<http://www.cdc.gov/od/ohs/biosfty/shipregs.htm>]

### **International Civil Aviation Organization (ICAO):**

ICAO is an agency of the United Nations that is charged with maintaining the international rules for shipping dangerous goods by air. The ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air are based on the United Nations Committee of Experts recommendations and are updated every two years. These are the official international rules for hazmat air transportation. Compliance with the ICAO Technical Instructions is mandated under international treaty. [<http://www.icao.int/>]

### **U.S. Postal Service (USPS):** 39 CFR, USPS Domestic Mail Manual C023, International Mail Manual 135, and USPS Publication 52

The USPS regulates shipping etiologic agents, clinical specimens, and biological products by U.S. mail.

[<http://pe.usps.gov/text/dmm/C023.htm>][<http://pe.usps.com/text/dmm300/601.htm#wp1064962>]  
[<http://www.usps.com/cpim/ftp/pubs/pub52.pdf>]

### **U.S. Department of Labor, Occupational Safety and Health Administration (OSHA):** 29 CFR 1910.1201 and 1030(d)(2)

OSHA regulates retention of DOT labels and markings and the worker safety aspects of handling, packaging, and transportation of human blood and body fluids. [<http://www.osha.gov>]