

FedEx Express IATA Variations

The following are FedEx Express exceptions to International Air Transport Association (IATA) dangerous-goods regulations. This information is excerpted from the 2011 IATA Dangerous Goods Manual.

FX-01 Class 1 articles or substances offered on FedEx International Priority Freight (IPF), FedEx International Premium (IP1), FedEx International Express Freight (IXF) or FedEx International Airport-to-Airport (ATA) may require pre-alert or pre-approval. Call FedEx Express Freight Customer Service at (800) 332-0807 for additional information (**see Packing Instructions 101–143**).

FedEx Express will not accept for transport any explosives assigned to Division 1.3.

FX-02 Except for UN 1230 — Methanol, substances with a primary or subsidiary risk of Division 6.1 in Packing Group I or II:

- with an origin and destination within the USA, will only be accepted if in approved DOT Exemption/Special Permit (SP) packaging;
- will only be accepted for International transport in “V” rated combination packaging. Contact FedEx for specific details.

Shippers of Division 6.1, Packing Group III primary or subsidiary risk MUST indicate “PG III” adjacent to the hazard label on the outer package.

Poison Inhalation Hazard (PIH) with a hazard zone “A” or any Class 2 substance with a toxic primary or subsidiary risk label will not be accepted for carriage.

FX-03 Class 7 substances offered on FedEx International Priority Freight (IPF), FedEx International Premium (IP1), FedEx International Express Freight (IXF) or FedEx International Airport-to-Airport (ATA) may require pre-alert or pre-approval. Call FedEx Express Freight Customer Service at (800) 332-0807 for additional information. Plutonium 239 and 241 will not be accepted as UN 3324, UN 3325, UN 3326, UN 3327, UN 3328, UN 3329, UN 3330, UN 3331 or UN 3333.

FedEx Express will not accept labeled radioactive material with a subsidiary risk of 1.4, 2.1, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 8, or 2.2 with a Cargo Aircraft Only label unless the shipper has been pre-approved.

FX-04 The following Class 8 substances will not be accepted for carriage (**see Packing Instructions [–] listed after each substance**):

UN Number — Description

UN 1796 — **Nitrating acid mixture**, over 40% concentration [809]

UN 1826 — **Nitrating acid mixtures, spent**, over 40% in original solution [809]

UN 2031 — **Nitric acid**, over 40% concentration [813]

When shipping the above substances in acceptable concentrations, the concentration MUST be indicated on the Shipper's Declaration in association with the proper shipping name.

FX-05 Hazardous waste as defined in USG-04, will not be accepted for carriage.

FX-06 Polychlorinated biphenyls: The following Class 9 materials, if known or suspected to contain PCBs, must be packaged as follows — for liquids: IP3 or IP3A inner metal packaging with

absorbent material utilized to fill all available space; for solids: any inner packaging as per applicable packing instruction is permitted. Outer packaging must be a 1A2 steel drum, 4H2 plastic box, USA DOT-SP 8249, 9168 or 11248 (**see Packing Instructions [-] listed after each substance**):

UN Number — Description

UN 2315 — **Polychlorinated biphenyls, liquid** [907]

UN 3077 — Environmentally hazardous substances, solid, n.o.s. [911, Y911]

UN 3082 — **Environmentally hazardous substances, liquid, n.o.s.** [914, Y914]

UN 3432 — **Polychlorinated biphenyls, solid** [911].

FX-07 Not used.

FX-08 Dry Shippers/Dry Dewars meeting the definition of the **Note** in Packing Instruction 202 must have the outer container marked both “Dry Dewar” or “Dry Shipper” and “Not Restricted” or “Non-Hazardous.”

FX-09 Division 6.2, items classed as Risk Group 4 by the World Health Organization (WHO) will not be accepted for carriage.

FX-10 Lithium metal batteries, (primary non-rechargeable) UN 3090 which are shipped either fully regulated or in accordance with Section II of Packing Instruction 968 require pre-approval. See www.fedex.com/us; keyword lithium batteries (search field).

FX-11 Dangerous goods packages that cannot accommodate all of the required Federal Express and regulatory documentation as well as all required regulatory markings and labeling on the top or sides of the outer package, will not be accepted for carriage. Any required documentation, marking and labeling will not be permitted on the bottom of the package. FedEx branded packaging including brown boxes may not be used to ship dangerous goods or dry ice. Exceptions: UN 3373, Biological Substance Category B may be shipped in the FedEx UN 3373 Pak. FedEx Express white and brown boxes and tubes may be used for FedEx Express Section II lithium battery shipments.

FX-12 Handwritten Shipper's Declarations will not be accepted. The following fields on the Shipper's Declaration must be typed or computer generated:

UN or ID number including the prefix, Proper shipping name, Hazard class or division, Subsidiary risk or division(s), Packing Group, Packaging Type, Packing Instruction, Authorization, Emergency telephone number.

For radioactive shipments, in addition to the items listed above the following must also be typed or computer generated.

Radionuclide, Special Form or Physical and Chemical Form. All other entries may be handwritten.

Note: The technical name may be handwritten.

Handwritten alterations/amendments to an entry required to be typed per FX-12 are acceptable if each alteration/amendment is legible and signed with the same signature used to sign the Shipper's Declaration.

FX-13 FedEx Express will only accept Oxygen, compressed (UN 1072) when packed in an ATA Specification 300 Category I outer packaging. Packaging must be marked in accordance with the marking criteria of Air Transportation Association (ATA) specification No. 300. In addition, FedEx Express will require the outer package to have the additional tested specification mark of DOT31FP (**see Packing Instruction 200 and USG-15(d)**).

The additional tested specification mark of DOT31FP will be required in addition to the specification container utilized and marked for all UN numbers listed in USG-18.

FX-14 When a Shipper's Declaration is required, three (3) copies must be provided with each shipment at the origin location. At least two of the copies must have the diagonal hatchings printed vertically in the left and right margins and must be printed in red.

FX-15 The following substances will not be accepted for carriage (**see Packing Instructions [-] listed after each substance**):

UN Number — Description

UN 1001 — **Acetylene, dissolved** [200]

UN 1162 — **Dimethyldichlorosilane** [305, Y305, 307]

UN 1308 — **Zirconium suspended in a flammable liquid**, Packing Group I [303]

UN 1873 — **Perchloric acid**, over 50% concentration [501]

FX-16 FedEx Express will not accept for transport any item with an A2 Special Provision even with a Competent Authority approval.

FX-17 When using International Economy (IE) or International Economy Freight (IEF) to ship liquids in the primary hazard classes/divisions of 3, 4.2, 5.1, 5.2 and 8, customers must use "V rated" packaging. See www.fedex.com/us; keyword dangerous goods (search field); FedEx Services Available to Ship Dangerous Goods.

FX-18 Beginning January 10, 2011, FedEx Express will require all Shipper's Declarations originating in the U.S. — excluding all 023 air waybill shipments*, Class 7 Radioactive Material shipments, and dangerous goods shipments originating in territories of the U.S. outside the 50 states — to be prepared using only the following methods:

- (a) FedEx approved vendor software application;
- (b) preapproved shipper proprietary software; or
- (c) FedEx Express Automated Shipping Solutions that have dangerous goods error checks.

Note: A list of approved dangerous goods shipping application vendors can be reviewed at www.fedex.com/us; dangerous goods (keyword). Shipper declaration "templates" from FedEx Express will no longer be accepted.

*FedEx International Express Freight[®] (IXF), FedEx International Airport-to-AirportSM (ATA) and FedEx International Premium[®] (IP1) shipments.