

## 5X Carrier Variations

### 56<sup>th</sup> IATA

**5X** (United Parcel Service) Note: The most current information about UPS services and restrictions may be found at the following web site: <http://ups.com/hazmat>

**5X-01** Shipments of Dangerous Goods in the UPS Small Package service with an origin and destination within the USA will be accepted by contract only, in accordance with the current UPS "Hazardous Materials Guide." This information is posted under the SUPPORT topic on the UPS Home Page ([www.ups.com](http://www.ups.com)). See also the SITE GUIDE on UPS Home Page [www.ups.com](http://www.ups.com) at the link for "Hazardous Materials." Users may also locate the UPS Guide for Shipping Hazardous Materials by using the SEARCH function on the website.

**5X-02** UPS International Small Package service rules and restrictions apply to all Dangerous Goods shipments with an origin and/or destination outside of the USA. Such shipments, including Biological Substances, Category B, will be accepted by contract only (see 5X-01 above for USA domestic shipments). Countries available for service are shown at the following web site: [www.ups.com/content/us/en/resources/ship/idg/information/acl.html](http://www.ups.com/content/us/en/resources/ship/idg/information/acl.html). When shipping packages requiring an IATA Shipper's Declaration for Dangerous Goods, combination packagings must be used and packages must not exceed 30 kg gross weight. When applicable, not more than three compatible different dangerous goods may be contained in one outer packaging (5.0.2.11). The following classes/divisions of Dangerous Goods are prohibited from UPS International Small Package service:

- Class 1 (Explosives)
- Division 2.3 (Toxic Gas)
- Division 4.2 (Spontaneously Combustible)
- Division 4.3 (Dangerous When Wet)
- Division 5.1 (Oxidizer)
- Division 5.2 (Organic Peroxide)
- Division 6.1—Substances requiring a "Toxic" label. Shipments of UN 1230, Methanol and UN 3506, Mercury contained in manufactured articles will only be accepted only when packages do not show a "Toxic" sub-risk label,
- Division 6.2 (Infectious Substances, Category A)
- Class 7—Substances requiring a "Radioactive" White-I, Yellow-II, Yellow-III, or Fissile label. — Radioactive Material, Excepted Package shipments are also prohibited.
- Class 9---

All permitted Dangerous Goods in Excepted Quantities are accepted. UPS class/division restrictions do not apply to Dangerous Goods in Excepted Quantities.

— Shipments of UN 2807, Magnetized material which conform to Packing Instruction 953 can be shipped only to, from, and within the countries identified as having IDG service on the following link: [www.ups.com/content/us/en/resources/ship/idg/information/acl.html](http://www.ups.com/content/us/en/resources/ship/idg/information/acl.html). Additionally, such shipments

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must be labelled in accordance with Packing Instruction 953 and documented in one of the following ways:

- Identified as "Magnetized material" in a Package Reference field on the UPS Shipping Label; or
- Accompanied by a written document, affixed directly to the outside of the package or contained in a resealable envelope on the package, identifying the contents as 'Magnetized material'.
- Complete information about UPS Small Package International Dangerous Goods service, including specific limitations per package, may be found at the link for UPS GUIDE FOR SHIPPING INTERNATIONAL DANGEROUS GOODS at the site identified in variation 5X-01.

(see 1.3.2, 8.1.6.9.1 and 10.8.3.9.1).

**5X-03** Dangerous Goods shipments will be accepted in Air Cargo Service by contract only. All contract applications must be reviewed and approved by the UPS Air Dangerous Goods Department (SDF) and Air Cargo Service (UPS Air Group-SDF). Hazard Classes accepted in Air Cargo Service are subject to approval, and shipments are subject to advance arrangement.

- • UPS Air Cargo Service does not accept shipments of UN 3090, Section IA or IB lithium metal batteries.

**5X-04** Dangerous Goods shipments in UPS Freight, Air Services are accepted by arrangements between UPS Airlines and UPS Supply Chain Solutions. Prohibited hazard classes include:

- Divisions 1.1, 1.2, 1.3, 1.4F, 1.5, and 1.6 (Explosives)
  - Division 2.3 Toxic Gases
  - Materials having either a primary or subsidiary hazard of Division 6.1-with a Packing Group I inhalation toxicity
  - Division 6.2- (Infectious Substances, Category A)
  - Class 7 (outside of the U.S. and Canada)- substances requiring a "Radioactive" White-I, Yellow-II or Yellow-III label.
- Materials requiring a Fissile label are not accepted in any UPS service.
- Radioactive Material, Excepted Package shipments are also prohibited outside the U.S. and Canada.

**5X-05** When an IATA Shipper's Declaration for Dangerous Goods is required, the shipper must present three original copies.

**5X-06** To maintain compliance with USG-18, UPS requires all packages of the materials listed below to comply with U.S. DOT packaging requirements and be marked with the text "DOT31FP" on the outer package. Affected entries are:

UN 1070—Nitrous oxide – *see 49 CFR 173.340(f)*

UN 1072—Oxygen, compressed – *see 49 CFR 173.302(f)*

UN 2451—Nitrogen trifluoride – *see 49 CFR 173.302(f)*

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UN 3156—Compressed gas, oxidizing, n.o.s. – *see 49 CFR 173.302(f)*

UN 3157—Liquefied gas, oxidizing, n.o.s. – *see 49 CFR 173.304(f)*

UN 3356—Oxygen generator, chemical – *see 49 CFR 173.168*

—Carbon dioxide and oxygen mixture, compressed – *see 49 CFR 173.304(f)*

**5X-07** The following limitations apply to the commodities identified here:

- Depending on required routing, shipments of UN 3090, Lithium metal batteries, including Section II shipments, may need to be returned to shippers due to prohibitions on carrying such shipments aboard passenger aircraft.
- Shipments of UN 3077, Environmentally hazardous substance, solid, n.o.s. will not be accepted when contained in Intermediate Bulk Containers (113Cs) in any UPS air services (including UPS Small Package, UPS Freight Air Services or UPS Air Cargo services);
- Shipments of UN 2807, Magnetized materials, for which the magnetic field strength exceeds 0.00525 gauss when measured at 4.6 m from any surface of the package are not accepted in UPS services (including UPS Small Package; UPS Freight Air Services; or UPS Air Cargo services);
- Shipments of refurbished lithium batteries, or refurbished lithium batteries packed with or contained in equipment are not accepted unless specifically approved by the UPS Air Dangerous Goods Department (SDF);
- Shipments of UN 3245, Genetically modified organisms or Genetically modified micro-organisms with an origin and/or destination outside the U.S. are not accepted in UPS small package services. For UPS Air Freight shipments, case-by-case approval is required to assure the ability to import or transit the shipments within countries involved.