HAZARDOUS GOODS
Delivering hazardous goods safely.

Austrian Post's efficient BUSINESS SOLUTIONS

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This English translation is provided for your convenience only. In the event of discrepancies, the German original text shall prevail over the English translation.

SHIPPING HAZARDOUS GOODS with Austrian Post

As Austria's leading logistics partner, Austrian Post is constantly striving to provide you with the best possible solution for every challenge: reliably, quickly and cost-effectively. For several years, the transportation of hazardous goods has been becoming an increasingly significant sector. At Austrian Post, we are grateful for your confidence in us and we will continue to make every effort to deliver your hazardous goods securely to their destination, whether that's in Austria or abroad (subject to certain conditions).

This brochure provides information about the legal provisions you need to comply with when shipping hazardous goods with Austrian Post. In this way, you are helping to ensure not only the safety of Austrian Post employees and the general public, but also speedy and reliable delivery of your hazardous goods. One point on which the legal provisions for the transportation of hazardous goods are absolutely clear is that all parties involved must take sufficient and appropriate measures to transport hazardous goods in accordance with the provisions and to prevent accidents.

What are dangerous substances/ hazardous goods?

Hazardous goods are substances and goods that present risks, i.e. that are flammable, self-igniting, corrosive, toxic, radioactive, pressurised or explosive. These categories include a large number of substances and items from the industrial, commercial and trade sectors, as well as from scientific and medical fields, that could be harmful to people and the environment, not only during use but also during transport. Day-to-day items such as perfume, deodorant and hair spray, pharmaceuticals, nail polish, household cleaners, swimming pool chemicals, lighters, matches, charcoal lighters, fertilisers, batteries, alcohol, high-percentage alcoholic drinks, medicinal tinctures, bleaching agents, varnishes, paints, paint thinners, adhesives, fireworks and many others can also be hazardous.

In recent years, and particularly in countries outside Austria, more and more batteries and accumulators with lithium-ion or lithium metal cells and batteries are being shipped. Batteries that are shipped inside, or together with, a device are also subject to the transportation of dangerous goods regulations and must be cleared with the Austrian Post hazardous goods hotline.

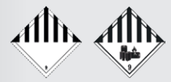
Does Austrian Post ship all hazardous goods?

No. Austrian Post is not equipped to transport "genuinely" hazardous goods that require, among other things, a transport document, hazardous goods drivers and a specially equipped vehicle. As a result, such items cannot be shipped.

The provisions for the transportation of hazardous goods can be found in the "European Agreement concerning the International Carriage of Dangerous Goods by Road" (ADR) as amended. In Austria, application of the ADR has been made legally binding for all commercial carriers, including Austrian Post, through the Austrian Carriage of Hazardous Goods Act (Gefahrgutbeförderungsgesetz – GGBG) (cf. Austrian Post's GTC for Transportation of Hazardous Goods). Shipments are often transported by air to ensure delivery times are as short as possible. In this context, the provisions of the International Air Transport Association (IATA-DGR) and the International Civil Aviation Organisation (ICAO-TI) apply. These lay down strict regulations for the transportation of hazardous goods by air and exclude goods that can be transported by land or sea from being transported by air.

HAZARDOUS GOODS INFO – POSTAL DISPATCH
Which hazardous goods can/cannot be shipped?

Class 1	Examples	Domestic	Foreign
Explosive substances and items containing explosive substances	- Airbags - Fireworks - Munitions - Items containing explosive substances - Propellants - Illuminants (flare cartridges) - Explosives - etc.	PROHIBITED	PROHIBITED
Class 2	**Examples**	**Domestic**	**Foreign**
Gases	- Aerosols (spray cans) - Fire extinguishers - Gas bottles - Lighters - Toxic gases - etc.	YES Only in limited quantities (page 6 onwards)	PROHIBITED
Class 3	**Examples**	**Domestic**	**Foreign**
Flammable liquids	- Petrol, diesel, kerosene - Acetone, ethanol, isopropyl - Perfumery products - Adhesives - Alcohol - Lighter fluid - etc.	YES Only in limited quantities (page 6 onwards)	PROHIBITED
Class 4.1, 4.2, 4.3	**Examples**	**Domestic**	**Foreign**
Flammable solid substances, self-reactive substances, polymerising substances and desensitised explosive solid substances; self-igniting substances; substances that produce flammable gases on contact with water	- Metal powder - Polyester resin multicomponent systems - Phosphorus - Calcium carbide - etc.	YES Only in limited quantities (page 6 onwards)	PROHIBITED

Class 5.1, 5.2	Examples	Domestic	Foreign
Oxidising substances, organic peroxide	- Hydrogen peroxide (bleaching agent) - Hardeners - etc.	YES Only in limited quantities (page 6 onwards)	PROHIBITED
Class 6.1, 6.2	**Examples**	**Domestic**	**Foreign**
Toxic substances; infectious substances	Class 6.1: - Poison (pesticides, herbicides, etc.) - Arsenic - Strychnine Class 6.2: - Cytostatic agents - Viruses - Bacteria - Prions - Blood samples - Urine - Stool samples	Class 6.1: YES Only in limited quantities (page 6 onwards) Class 6.2: (page 12 onwards)	Post Express: PROHIBITED Parcel/letter: Please contact the hazardous goods department at: **post@gssa.at**[1)]
Class 7	**Examples**	**Domestic**	**Foreign**
Radioactive substances	- Contrast agents - Troxler gauges - etc.	PROHIBITED	PROHIBITED
Class 8	**Examples**	**Domestic**	**Foreign**
Corrosive substances	- Acids and alkalis (hydrochloric acid, nitric acid, phosphoric acid, sodium hydroxide, etc.) - Chemicals - Car batteries - Mordants - Rust removers - etc.	YES Only in limited quantities (page 6 onwards)	PROHIBITED
Class 9	**Examples**	**Domestic**	**Foreign**
Various hazardous substances and items 	- Airbag modules - Lithium batteries - Environmentally hazardous substances (oils) - Automotive parts (airbags) - Dry ice	YES Only in limited quantities (page 6 onwards) PROHIBITED “Dry ice” (UN1845) Lithium batteries (page 8 onwards)	PROHIBITED

1) If you have a business relationship with Austrian Post, please contact your Sales Representative first if you have any questions before reaching out to post@gssa.at.

HAZARDOUS GOODS THAT CAN BE SHIPPED under certain conditions only

Certain substances that are classified as hazardous goods can be shipped, provided the quantity limits and provisions for secure packaging are observed.

Any exceptions to these guidelines are listed in this brochure.

When handing over your items for dispatch, please pay attention to our notice "DOES YOUR PARCEL CONTAIN HAZARDOUS GOODS?"

Hazardous goods may only be handed over to postal staff at a postal branch or to a Post partner. It is not permitted to simply drop them off (e.g. into letter boxes or at a self-service zone at a postal branch).

LIMITED QUANTITIES
What to consider before shipping

What is required if you want to send hazardous goods in limited quantities?

1. You must obtain a safety data sheet (SDS) from the manufacturer or distributer.
2. Check Section 14 of the SDS to find out if the product in question is deemed a hazardous item (take note of the UN number).
3. If you have found your product under one of the UN numbers, contact Austrian Post's hazardous goods department using the following email address: **post@gssa.at**[1)]
4. Send the following information to the above email address:
   - Safety data sheet (SDS)
   - Number of containers
   - Net quantity per container
   - Intended recipient country
   - Intended shipping type (e.g. Post Express)

LIMITED QUANTITIES
Packaging

Limited quantities can only be shipped in composite packaging (inner packaging placed inside outer packaging).

MAXIMUM WEIGHT:
30 kg gross

Inner packaging

Outer packaging

LIMITED QUANTITIES
Labelling

Dimensions 100 x 100 mm
Line thickness: 2 mm

For inner packaging that contains liquid substances

Attach to at least two opposite sides

LIMITED QUANTITIES – FAQs

Question	Domestic	Foreign parcel/letter	POST EXPRESS International
Can limited quantities be shipped to any country?	YES	NO	NO
Are lighters or lighter refills permitted in limited quantities?	Contact the hazardous goods department at: **post@gssa.at**[1)]	NO	NO
Can weapons or ammunition and replica weapons be shipped in limited quantities?	The sender must comply with the provisions of the Austrian Weapons Act. As regards ammunition, contact the hazardous goods department at: **post@gssa.at**[1)]	NO	NO
Can fireworks be shipped in limited quantities?	NO	NO	NO
Where can I find information about which items can be shipped in limited quantities?	Have a current safety data sheet (SDS) to hand and contact the hazardous goods department at: **post@gssa.at**[1)]		

1) If you have a business relationship with Austrian Post, please contact your Sales Representative first if you have any questions before reaching out to post@gssa.at.

SENDING BATTERIES and/or devices with batteries

LITHIUM BATTERIES can be shipped under the following conditions:

- Lithium metal batteries with a total quantity of no more than **2 g** lithium
- Lithium-ion batteries with no more than **100 Wh** nominal energy

What do I need to be aware of before shipping?	
What do you need to consider if you want to send lithium batteries or devices with lithium batteries?	1. Obtain a safety data sheet (SDS) or product data sheet from the manufacturer or distributer. 2. What type of battery is it (lithium metal or lithium-ion battery)? 3. Are the batteries installed in the device, will they be sent together with the device or by themselves? 4. Is the parcel being sent within Austria or abroad? 5. Number of Watt hours for lithium-ion batteries? 6. Metal lithium content in lithium metal batteries? 7. Intended recipient country? 8. Intended shipping type (e.g. Post Express)? 9. For more information about shipping batteries, please contact the hazardous goods department at: **post@gssa.at**[1)] 10. Please send the answers to the above questions to the same email address.

1) If you have a business relationship with Austrian Post, please contact your Sales Representative first if you have any questions before reaching out to post@gssa.at.

Domestic shipment of lithium batteries	**Labelling ≤ 100 Wh or ≤ 2 g – domestic**
- Each parcel (providing the battery is not installed in the device) must be able to withstand a drop test from a height of 1.2 m, regardless of its position, without the cells or batteries it contains being damaged, without the contents shifting so that the batteries (or cells) touch, and with no loss of contents. - Equipment (devices) must be packed in strong outer packaging made from a suitable material that is of an appropriate strength and size for the capacity and use of the package. Batteries that are installed in equipment must be protected against damage and short circuiting. - The gross mass of the parcel must not exceed 30 kg unless the batteries are installed in equipment or packed with equipment.	

LITHIUM BATTERIES Parcel/letter – foreign

Lithium battery	**Labelling**	**Shipping**
Lithium-ion batteries contained in equipment (UN 3481)	Not required	No more than four cells or two batteries may be shipped in a single item.
Lithium metal batteries contained in equipment (UN 3091)	Not required	No more than four cells or two batteries may be shipped in a single item.

BATTERIES ≤ 100 Wh or ≤ 2 g (metal content) – FAQs

Question	**Domestic**	**Foreign parcel/letter**	**POST EXPRESS International**
Can damaged batteries or devices containing damaged batteries be shipped?	**NO**	**NO**	**NO**
Can I send batteries over 100 Wh (e.g. e-bike batteries) or 2 g metal content?	**NO**	**NO**	**NO**
Can I send batteries contained in a device / in equipment (e.g. mobile phone, laptop)?	**YES** Maximum 2 devices in maximum 2 items[2)]	**YES** Maximum 2 devices in maximum 2 items	**YES** Maximum 2 devices in maximum 2 items. **Remark in contents description field,** e.g. “mobile phone not restricted”
Can I send batteries by themselves (e.g. power banks or spare batteries)?	**YES**	**NO**	**NO**

2) Shipments of more than two devices with built-in lithium-ion batteries packed in more than two packages are permitted only for domestic shipments and only when marked with the UN3481 battery mark.

VEHICLE TRANSPORT

Prior to shipment, please contact the Dangerous Goods Hotline or post@gssa.at. The shipment of vehicles with different propulsion systems is only permitted with Austrian Post under a valid contractual agreement. In general, vehicles are only accepted for shipment if they are packaged in a way that prevents unintentional activation.

OVERVIEW OF VEHICLE CLASSIFICATION

UN3166	Flammable gas-powered vehicles, flammable liquid-powered vehicles, and fuel cell vehicles
UN3171	Battery-powered vehicle or equipment. Only applies to vehicles and equipment powered by wet batteries (UN2800, UN2794 and UN2795) or sodium metal/sodium alloy batteries (UN3292) and transported with the batteries installed. Amendment to Special Provision 388.
UN3556	Vehicle powered by lithium ion batteries
UN3557	Vehicle powered by lithium metal batteries
UN3558	Vehicle powered by sodium ion batteries

ALL VEHICLES MUST BE SHIPPED IN ACCORDANCE WITH SPECIAL PROVISION 666

Special Provision 666
Vehicles or battery-powered equipment carried as cargo and referred to in Special Provision 388, together with the dangerous goods contained therein that are intended for their operation or the operation of their equipment, are not subject to the other provisions of ADR, provided that the following requirements are met:

a. For liquid fuels, the valves between the engine or equipment and the fuel tank must be closed during transport, unless it is necessary for the equipment to remain in operation. Where required, the vehicles shall be loaded in an upright position and secured against overturning.

b. For gaseous fuels, the valve between the gas tank and the engine must be closed and the electrical connection must be disconnected during transport, unless it is necessary for the equipment to remain in operation.

c. Metal hydride storage systems shall be approved by the competent authority of the country of manufacture. If the country of manufacture is not a Contracting Party to ADR, the approval shall be recognized by the competent authority of an ADR Contracting Party.

d. The provisions of paragraphs (a) and (b) do not apply to vehicles that are free of liquid or gaseous fuels.[1)]

e. Vehicles that are fully enclosed by packaging, crates or other means that prevent easy identification are subject to the marking and labelling provisions of Chapter 5.2. For vehicles powered by sodium-ion batteries, Special Provision 404 may be applied as an alternative.

1) 1. A vehicle is considered free of liquid fuels when the liquid fuel tank has been drained and the vehicle cannot be operated due to lack of fuel. Vehicle components such as fuel lines, fuel filters and fuel injection systems need not be cleaned, drained or purged in order to be regarded as free of liquid fuels. Furthermore, the liquid fuel tank need not be cleaned or purged.
2. A vehicle is considered free of gaseous fuels when the containers for gaseous fuels are free of liquid (in the case of liquefied gases), the pressure in the containers does not exceed 2 bar, and the fuel shut-off valve is closed and secured.

ALL VEHICLES POWERED BY LITHIUM OR SODIUM BATTERIES MAY ONLY BE TRANSPORTED IF THE FOLLOWING REQUIREMENTS ARE MET:

- Batteries must not be defective or damaged.
- Batteries must be securely installed in the vehicle and protected against short circuits.
- Prototype vehicles and vehicles equipped with prototype batteries are not permitted for transport.
- The state of charge must not exceed 25% as indicated. The customer must be able to demonstrate the state of charge by means of the charge level indicator.
- A test summary in accordance with UN 38.3, Part III, must be available for the battery.

ATTENTION: The shipment of loose lithium or sodium batteries with a watt-hour rating exceeding 20 Wh per cell or 100 Wh per battery remains prohibited in postal transport.

UN Number	Proper Shipping Name	Marking	Labelling	Conditions for Transport by Austrian Post within Austria[2)]
UN3166	Vehicle powered by a flammable gas, a flammable liquid, or a fuel cell vehicle powered by a flammable gas or a flammable liquid	Gas, Petrol, Diesel Fuel, Fuel Cell		Special Provision 666 must be complied with.[3)]
UN3171	Battery-powered vehicle or equipment	Wet batteries		Special Provision 666 must be complied with.[3)]
UN3556	Vehicle powered by lithium-ion batteries	Lithium-ion batteries (e.g. e-bikes, e-scooters, hoverboards)		Special Provision 666 must be complied with.[4),5)]
UN3557	Vehicle powered by lithium metal batteries	Lithium metal batteries		Special Provision 666 must be complied with.[4),5)]
UN3558	Vehicle powered by sodium-ion batteries	Sodium-ion batteries		Special Provision 666 must be complied with.[4),5)]

Example of shipment: UN 3556 vehicle

Hazard label dimensions: minimum 100 x 100 mm

UN number – minimum character height: 12 mm

2) International shipments must be coordinated with the Dangerous Goods Hotline.
3) Vehicles must be securely packed in strong rigid outer packagings. Protected against unintentional activation and short circuits; free from fuels, fuel residues and other dangerous goods; marking and labelling must be clearly visible.
4) Vehicles must be securely packed in robust rigid outer packaging and fixed in place to prevent movement during transport that could alter their position or damage the battery. They must be protected against being switched on and against short circuits. Batteries must comply with UN 38.3 Part III testing requirements. The state of charge must not exceed 30% (maximum 25% displayed on the charge indicator). The shipment of defective vehicles, vehicles with defective batteries, prototype vehicles, and vehicles intended for disposal, recycling or repair is not permitted.
State of charge:
(a) Vehicles shall be offered for transport as follows when the batteries have a rated energy exceeding 100 Wh:
- The battery(ies) shall be at a state of charge not exceeding 30% of their design capacity; or
- The battery charge indicator shall show no more than 25% of capacity.
(b) Vehicles should be offered for transport as follows when the batteries have a rated energy not exceeding 100 Wh:
- The battery(ies) should be at a state of charge not exceeding 30% of their design capacity; or
- The battery charge indicator should show no more than 25% of capacity.
c) Vehicles powered by batteries with a rated energy exceeding 100 Wh and having a state of charge exceeding 30% of their design capacity, or a battery charge indicator showing more than 25% of capacity, are not permitted for shipment.
5) Shipment of these vehicles is permitted only under a valid contract with Austrian Post.

INFECTIOUS SUBSTANCES / biological substances

Only Category B (UN 3373) infectious substances are permitted for postal dispatch!

These must be designated as HAZARDOUS GOODS when dispatching and may only be sent WITHIN AUSTRIA!

UN 3373 biological substance, Category B – packaging	
The packaging must consist of at least three (3) components: - a primary receptacle, - secondary packaging and - outer packaging. Either the secondary packaging or the outer packaging must be rigid.	

UN 3373 biological substance, Category B – labelling	
Minimum dimensions: min. 50 x 50 mm Line thickness: min. 2 mm 	Character height: min. 6 mm BIOLOGICAL SUBSTANCE CATEGORY B

PACKAGING INSTRUCTIONS

- The primary receptacle must be packed inside the secondary packaging in such a way that, under normal conditions of carriage, it cannot break, be punctured or leak its contents into the secondary packaging.
- The secondary packaging must be placed inside the outer packaging with suitable cushioning material.
- Any leakage of the contents must not compromise the integrity of the cushioning material or the outer packaging.
- At least one of the surfaces of the outer packaging must have minimum dimensions of 100 mm x 140 mm.

The entire package must be able to withstand a drop test from a height of 1.2 m. After the relevant drop tests have been carried out, there may be no leakage from the primary receptacle(s) (which must remain protected, if required, by the absorbent material) into the secondary packaging.

LIQUID SUBSTANCES:

- The primary receptacle(s) must be leakproof. The secondary packaging must be leakproof.
- If several breakable primary receptacles are placed in the same secondary packaging, they must either be wrapped individually or separated from each other in such a way that they cannot touch each other.
- Absorbent material must be placed between the primary receptacle(s) and the secondary packaging. There must be enough absorbent material to absorb all of the liquid in the primary receptacle(s), so that if the liquid substance leaks it does not compromise the integrity of the cushioning material or the outer packaging.
- The primary receptacle or the secondary packaging must be able to withstand internal pressure of 95 kPa (0.95 bar) with no loss of contents.

SOLID SUBSTANCES:

- The primary receptacle(s) must be dustproof. The secondary packaging must be dustproof.
- If several breakable primary receptacles are placed in the same secondary packaging, they must either be wrapped individually or separated from each other in such a way that they cannot touch each other.
- If there is any doubt as to whether there may be residual liquid in the primary receptacle during carriage, packaging suitable for liquid substances with absorbent material must be used.

OTHER HAZARDOUS GOODS:

- Other hazardous goods must not be packed together with Class 6.2 infectious substances in the same packaging, unless they are necessary for sustaining the viability of the infectious substances, stabilising them, preventing degradation or neutralising the hazards they present.
- Each primary receptacle that contains infectious substances may only contain up to 30 ml of hazardous goods belonging to Classes 3, 8 or 9.
- If hazardous goods are packed together with infectious substances in the small quantities described and in accordance with these packing instructions, there is no obligation to meet the other requirements of the ADR/RID.

EXEMPT
Medical samples

CLASSIFICATION OF MEDICAL SAMPLES - TERMINOLOGY

Exempt medical and veterinary samples

Samples taken from humans or animals (patient samples), where there is a low probability that the samples contain pathogens, are not subject to the requirements if:

- the sample is transported in packaging that prevents any kind of leakage (see below) and
- is labelled **EXEMPT MEDICAL SAMPLE or EXEMPT VETERINARY SAMPLE.**
- However, dispatch by post is only permitted as a dangerous goods shipment in order to ensure safe handling (manual processing) and secure transportation.

Samples with a general exemption (screening samples):

These samples are not subject to the ADR regulations for hazardous goods, including packaging and marking requirements. However, shipment by Austrian Post is only permitted as a hazardous goods shipment to ensure safe handling (manual processing) and safe transportation.

EXEMPT MEDICAL AND VETERINARY SAMPLES

Exempt medical or veterinary samples

- blood or urine samples collected for monitoring cholesterol levels, blood glucose levels, hormone levels, or prostate-specific antigen (PSA)
- samples required for monitoring organ functions, such as heart, liver, or kidney function, in humans or animals with non-infectious diseases, or for therapeutic drug monitoring
- samples collected for insurance or employment purposes with the objective of detecting drugs or alcohol
- pregnancy tests
- biopsies performed to detect cancer and
- samples collected to determine the presence of antibodies in humans or animals where there is no suspicion of infection (e.g. assessment of vaccine-induced immunity, diagnosis of an autoimmune disease, etc.).

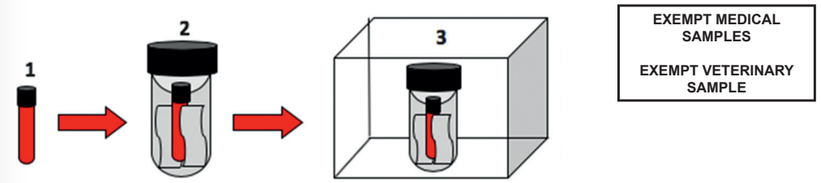
Samples subject to a general exemption include

- substances in which any pathogens present occur at naturally occurring concentrations and are not considered to pose a significant risk of infection
- dried blood spots obtained by applying a drop of blood onto absorbent material
- screening samples for faecal occult blood testing
- blood or blood components collected for transfusion purposes or for the preparation of blood products for use in transfusion or transplantation, as well as any tissues or organs intended for transplantation and samples collected for those purposes.

PACKAGING AND MARKING

Exempt medical or veterinary samples

Packaging must consist of at least three (3) components:
- a leakproof primary receptacle,
- leakproof secondary packaging and
- outer packaging that is strong enough for the capacity, weight and intended use, with at least one of the surfaces having minimum dimensions of 100 mm x 140 mm.
- For liquid substances, absorbent material in sufficient quantity to absorb the entire contents shall be placed between the primary receptacle(s) and the secondary packaging, so that any liquid substance released or leaked during transport does not reach the outer packaging and does not impair the integrity of the cushioning material.



Samples exempt from ADR requirements

These samples must be packed in good-quality packaging. The packaging must be strong enough to withstand the shocks and loadings normally encountered during transport.

SHIPPING MEDICAL SAMPLES AS DANGEROUS GOODS LETTERS

In all cases, submitted samples must be shipped and labelled as dangerous goods letters (stickers are available from Austrian Post, or the marking may be printed directly on the item). This ensures safe handling (manual processing) and secure transport.

FURTHER INFORMATION

SHIPPING OF HAZARDOUS GOODS BY AUSTRIAN POST: POST@GSSA.AT

The General Terms and Conditions (GTC) for Transportation of Hazardous Goods can be found online at **post.at/gtc**.

More detailed information on product brochures, as well as a quick guide to the Austrian Post hazardous goods shipping service is also available at **post.at/hazardousgoods** or by emailing **post@gssa.at.**

If you have a business relationship with Austrian Post, please contact your Sales Representative first if you have any questions before reaching out to post@gssa.at.

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