

## DANGEROUS GOODS EXCLUDED FROM TRANSPORTATION BY POST OR TRANSPORTABLE ONLY ON CERTAIN CONDITIONS

Dangerous goods defined in Act LXXXIX. of 2015 on the promulgation of Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (hereinafter referred to as ADR) and on certain issues of their application in Hungary which are not subject to any exemption under ADR may not be dispatched for transportation.

Dangerous goods transportable on certain conditions are those which may be carried under one of the ADR exemptions below.

### Exemptions:

- a) **Exemption under special provisions:** The special provisions of Chapter 3.3 of ADR exempt the carriage of certain dangerous substances in full or in part from the regulations.
- b) **The carriage of dangerous goods packed in limited quantities** (ADR Chapter 3.4). In this case the maximum weight of items is 30 kg (e.g. cosmetic products).
- c) **The carriage of dangerous goods packed in excepted quantities** (ADR Chapter 3.5). The quantity of dangerous substances for each item is minimal (300-1,000 grams). These are mainly samples.
- d) **The carriage of dangerous goods with exemptions related to quantities carried per transport unit** (ADR point 1.1.3.6). The total quantity of dangerous substances transportable on a vehicle is between 20 and 1,000 kg.

**Explosive substances and articles listed in Class 1, gas cylinders listed in Class 2 and radioactive materials listed in Class 7 under ADR are completely excluded from transportation by post.**



### 1. Dangerous substances and articles:

#### a) Explosive substances and articles (Class 1) excluded from transportation by post

Explosive substances: solid or liquid substances capable by chemical reaction of producing gases at such a temperature and pressure and at such a speed as to cause damage to the surroundings.


Pyrotechnic substances: substances or mixtures of substances designed to produce an effect by heat, light, sound, gas, smoke or a combination of these as a result of non-detonating, self-sustaining exothermic chemical reactions.

Explosive articles: articles containing one or more explosive or pyrotechnic substances.

<p>Signs on the goods or on the packaging</p> <ul style="list-style-type: none"><li>• in international carriage,</li><li>• in carriage in Hungary</li></ul> <p>Examples of prohibited objects in this category:</p>	 
	<ul style="list-style-type: none"><li>- fireworks, petards</li><li>- ammunition, gunpowder, detonators</li><li>- flares, distress flares</li><li>- military explosives</li></ul>


**b) Gases (Class 2)**

Substances which at 50°C have a vapour pressure greater than 300 kPa (3 bar), or are completely gaseous at 20°C and at the standard pressure of 101.3 kPa.

<p>Signs on the goods or on the packaging</p> <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	
<p>Examples of objects in this category:</p>	<ul style="list-style-type: none"> <li>- lighter canisters (butane based)</li> <li>- aqualungs</li> <li>- camping gas cartridges and cylinders</li> <li>- sprays (deodorant, hair spray, insecticide, decorative snow spray)</li> <li>- fire extinguishers</li> <li>- self-defence gases and sprays (pepper spray, tear gas)</li> </ul>

**c) Flammable liquids (Class 3)**


Substances which are liquid and have a vapour pressure no greater than 300 kPa (3 bar) at 50°C, and are not completely gaseous at 20°C and at the standard pressure of 101.3 kPa, and have a flash point of at most 100°C.

<p>Signs on the goods or on the packaging</p> <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	
<p>Examples of objects in this category:</p>	<ul style="list-style-type: none"> <li>- oil flammable liquids</li> <li>- oil paints, wood preservers, paint thinners and solvents</li> <li>- ink cartridges, even used or empty</li> <li>- adhesives</li> <li>- manicure liquids</li> <li>- petrol, diesel</li> </ul>

**d) Flammable solids, self-reactive substances and solid desensitized explosives (Class 4.1)**



Flammable solids are readily combustible solids and solids which may cause fire through friction. Self-reactive substances are thermally unstable substances liable to undergo a strong exothermic decomposition even without participation of oxygen (air). Solid desensitized explosives are substances which are wetted with water or alcohol or are diluted with other substances to suppress their explosive properties.

<p>Signs on the goods or on the packaging</p> <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	
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Examples of objects in this category:	<ul style="list-style-type: none"> <li>- matches</li> <li>- charcoal</li> <li>- sparklers</li> <li>- naphthalene</li> <li>- substances containing sulphur, nitrocellulose and red phosphorus</li> </ul>



**e) Substances liable to spontaneous combustion (Class 4.2)**

Substances which even in small quantities ignite on contact with air, or on contact with air without energy supply are liable to self-heating.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	 
Examples of objects in this category:	<ul style="list-style-type: none"> <li>- metal powders: active carbon, white and yellow phosphorus, zinc alkyl, dry metal catalyst, powdered coal, fish meal, waste oily wool, celluloid waste, sulphides.</li> </ul>

**f) Substances which, in contact with water, emit flammable gases (Class 4.3)**


Substances which in contact with water emit flammable gases liable to cause explosive mixtures with air.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	 
Examples of objects in this category:	<ul style="list-style-type: none"> <li>- barium, calcium, calcium carbide, lithium, sodium, zinc powder</li> <li>- sodium batteries</li> </ul>

**g) Oxidising substances (Class 5.1)**




Substances which, while in themselves not necessarily combustible, may, generally by yielding oxygen, cause fire or contribute to the combustion of other material.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	
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Examples of objects in this category:	- ammonium nitrate based artificial fertilizers, lead nitrate, magnesium peroxide - oxygen producing substances



#### h) Organic peroxides (Class 5.2)

Organic substances which contain the bivalent -O-O structure and may be considered to be derivatives of hydrogen peroxide where either one or both of the hydrogen atoms have been replaced by organic radicals.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage</li> <li>• in carriage in Hungary</li> </ul>	  
Examples of objects in this category:	- peroxides - bleaching agents (chloride of lime)

#### i) Toxic substances (Class 6.1)

Substances which it is known by experience or regarding which it is presumed from experiments on animals that in relatively small quantities they are able by a single action or by action of short duration to cause damage to human health or death by inhalation, by cutaneous absorption or by ingestion.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	 
Examples of objects in this category:	- insecticides - agricultural chemicals - mercury compounds

#### j) Infectious substances (Class 6.2)

Substances which are known or are reasonably expected to contain pathogens. Pathogens are microorganisms (including bacteria, viruses, rickettsias, parasites, fungi or recombinant microorganisms, hybrids or mutants) which are known or are reasonably expected to cause an infectious disease in humans or animals. This also applies to objects polluted by such pathogens.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage,</li> </ul>	
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<ul style="list-style-type: none"> <li>• in carriage in Hungary</li> </ul>	
Examples of objects in this category:	- bacteria, viruses, rickettsias, parasites, fungi, prions

**k) Radioactive materials (Class 7) excluded from transportation by post**

Radioactive material means any material which contains radionuclides and where both the activity concentration and the total activity of the consignment exceed the value specified in ADR.

Signs on the goods or on the packaging are the same <ul style="list-style-type: none"> <li>• in international carriage and</li> <li>• in carriage in Hungary.</li> </ul>	
Examples of prohibited objects in this category:	- caesium 137, iodine 131

**l) Corrosive substances (Class 8)**

Substances which by chemical action attack epithelial tissue – of skin or mucous membranes – with which they are in contact or which in the event of leakage are capable of damaging or destroying other goods or means of transport, as well as causing other dangers. This category also covers other substances which form a corrosive liquid only in the presence of water or which produce corrosive vapour or mist in the presence of natural moisture in the air.

Signs on the goods or on the packaging <ul style="list-style-type: none"> <li>• in international carriage,</li> <li>• in carriage in Hungary</li> </ul>	
Examples of objects in this category:	<ul style="list-style-type: none"> <li>- hydrochloric acid, sulphuric acid,</li> <li>- cleaning agents (bleach)</li> <li>- mercury - galvanic batteries</li> <li>- paint thinners and solvents</li> <li>- alkaline or acid batteries</li> </ul>

**m) Miscellaneous dangerous substances and articles (Class 9)**

Substances and objects which during carriage represent a danger that is not covered by the heading of the other classes of ADR.



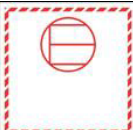
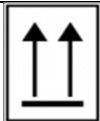
Substances which on inhalation as a fine powder may endanger health, substances and apparatus which, in the event of fire, may form dioxins, substances evolving flammable vapour, liquid and solid substances dangerous to the aquatic environment, genetically modified microorganisms and organisms, elevated temperature substances.

Signs on the goods or on the packaging are the same <ul style="list-style-type: none"> <li>• in international carriage and</li> </ul>	
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• in carriage in Hungary.	
Examples of objects in this category:	- lithium batteries or cells and devices containing them – for exceptions see Appendix 1 of the General Terms and Conditions. - asbestos

The various additional signs must be used on the items even if they are otherwise exempt from the application of certain provisions of ADR during transport.

The signs are as follows:

Environmentally hazardous substance	Limited quantity	Excepted quantity	Items to be carried upright
			

## 2. Objects containing lithium batteries or cells

Usually the lithium cells and batteries in the gadgets below comply with the parameters specified in Point II/5.5. of Appendix 1 of the General Terms and Conditions, which may be transported as mail items.









Lithium cells and batteries may not be sent in mail items forwarded by air by themselves or packed next to equipment. Lithium cells and batteries may only be posted as a mail item to be forwarded by air when fitted into standard equipment, which is switched off.

Video cameras	Walkie-talkies (two-way radio transceivers)	GPS devices	Cameras
			
Electric razors	Hair clippers	Scanners	MP3/MP4 players
			
Bluetooth microphone headsets	Smart phones/mobile phones	Laptops	Remote control toys

			
<b>Drills</b>	<b>Tablet PCs</b>	<b>Portable DVD players</b>	<b>Measuring instruments</b>
			

NB: This is only a representative list of the most common electronic equipment which contains four or less lithium cells or two or less lithium batteries and so conforms with postal requirements. This is not an exclusive list of articles that may be sent by post but any articles may be posted which comply with the conditions described in Point II/5.5. of Appendix 1 of the General Terms and Conditions.

USUALLY the equipment below CANNOT BE ACCEPTED because they operate with lithium cells and batteries with a higher Watt-hour rating or lithium content than permitted, or because the items do not comply with the conditions set by Magyar Posta for acceptance:

<b>Electric bicycles</b>	<b>Laptops with an external battery</b>	<b>Electric wheelchairs</b>	<b>Small household power generators</b>
			
<b>Batteries not installed in equipment</b>	<b>160 Wh lithium ion batteries outside or installed in equipment</b>	<b>3.0 Wh batteries outside, not installed in equipment</b>	<b>Automated external defibrillators (AEDs)</b>
			

**3. The transportation of dangerous goods with exemptions related to quantities carried per transport unit (ADR point 1.1.3.6)**

Specimen of the special label issued by Magyar Posta which must be placed on the postal items packing or cover specified in Point II/3 of [APPENDIX 1.](#) of GTC.



The image shows a red-bordered rectangular label. At the top, the text "ADR" is centered in white. Below it, "Egy szállítóegységes mentesség" is also centered in white. The main body of the label is white and contains five horizontal dashed lines for text entry.