

REGULATIONS ON THE CARRIAGE OF DANGEROUS SUBSTANCES AND ARTICLES

Part 2: DHL PAKET national (Domestic DHL parcels) (valid from July 1st, 2017)*

1 General Information / Scope

This part 2 of the regulations shall apply to domestic parcel shipping of dangerous goods:

- for the shipping of infectious substances in letter mail, see part 1A (except DIALOGPOST),
- for the shipping of other dangerous goods in letter-like shipments (e.g. smart packets, DHL INFOPOST, WARENSENDUNG (merchandise), POSTAKTUELL/POSTWURF-SPEZIAL), DIALOGPOST, ELECTRORETURN and DHL EXPRESSEASY NATIONAL see part 1B,
- for domestic express shipping of dangerous goods via DHL EXPRESS (except DHL EXPRESSEASY NATIONAL) see part 3.

Unless otherwise specified, the following shall apply (in the relevant changed version):

- the German Law on the Transport of Dangerous Goods [Gesetz über die Beförderung gefährlicher Güter, GGBefG],
- the "German Dangerous Goods Ordinance for Road, Rail and Inland Waterways" [Gefahrgutverordnung Straße, Eisenbahn und Binnenschifffahrt, GGVSEB] and
- the "European Agreement concerning the International Carriage of Dangerous Goods by Road" [ADR].

The designations and classifications used below correspond to the "European Agreement concerning the International Carriage of Dangerous Goods by Road" (ADR).

The transitional measures as per 1.6.1.29, 1.6.1.39 and 1.6.2.11 ADR shall apply.

2 Forbidden and Permissible Substances and Articles

1. The following substances and articles are **excluded** from carriage:

- which are not accepted for carriage as listed in 2.2 ADR,
- with the entry "CARRIAGE PROHIBITED" in the appropriate line of table A, 3.2 ADR,
- class 1 (explosive substances and articles), e.g. ammunition (cartridges), UN No. 0012, 0014 and 0055, all sparklers and fireworks, UN No. 0333, 0334, 0335, 0336, 0337 or safety devices, pyrotechnic (e.g. airbags, also built-in), UN No. 0503

- Substances and articles of class 2 (gases), e.g. lighters or lighter refills, containing flammable gas, UN No. 1057, refrigerated liquefied gases of classification code 3A for refrigeration and conditioning purposes, or fertilizer ammoniating solution with free ammonia, UN No. 1043
- class 6.2 (infectious substances) of the categories A and B, UN No. 2814 or 2900 and 3373 (including biological products, medical or clinical waste, animal products, medical devices and medical equipment belonging to these categories), medical or clinical waste, UN No. 3291 or infected live animals, except those listed in the following table
- of class 7 (radioactive substances), e.g. ionizing smoke detectors, UN No. 2910 or 2911
- of class 8 (corrosive substances), e.g. non-leak-proof batteries, UN No. 2794 and 2795
- of class 9 (various dangerous substances and articles), e.g. battery-powered vehicles and equipment, UN No. 3171, with wet or sodium batteries
- with entry "0" in column 7a of table A, 3.2 ADR (except for substances or articles with UN No. 1070, 2857, 2990, 3072, 3090, 3091, 3245, 3316, 3358, 3480, 3481, 3499, 3508, 3528, 3529 and 3530 which may be transported under the conditions specified in these provisions),
- dangerous goods packaged in exempted quantities pursuant to 3.5 ADR.

Substances and articles are also excluded where special provisions pursuant to 3.3 ADR, except quantity limits for each inner packaging and concentration, other conditions have to be complied with [in particular, special provisions 168 (first sentence), 201, 225, 226, 271, 283, 289, 319, 327, 363 (b) comment 2 and (g) (iv) - (vi), 364, 373, 375, 376, 377, 379, 382 (2. and 3. sentence), 565, 593, 598, 636, 645, 650, 658, 663 and 667].

- In DHL PAKET shipments, **permitted** are only those substances and articles which are
 - dangerous goods packed in limited quantities and permitted pursuant to 3.4 ADR, or
 - not subject to the provisions of the ADR because of
 - exemption pursuant to 1.1.3.1 (b), 1.1.3.2. (f), (g), and 1.1.3.10 (b) and (d) ADR,
 - exemption pursuant to 1.1.3.4.1. ADR in conjunction with special provisions pursuant to 3.3 ADR, providing the latter's application is not excluded in section 1,
 - exemptions in the provisions on classification pursuant to 2.2 ADR,
 - entry in table A 3.2 ADR.

The following limitations must be complied with regarding the carriage of the above:

Class 2: Gases

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
1A, 2A, 3A		all				
4A		2073	Ammonia Solution in water, with more than 35% but not more than 50% ammonia	120 ml	500 ml	
1A, 2A		1006, 1013, 1046, 1066	Argon, compressed; Carbon Dioxide; Helium, compressed; Nitrogen, compressed	¹⁾	²⁾	SP 653 ^{3) 4)} (no mixed packing with other dangerous goods)
			Helium in balloons	⁵⁾	²⁾	1.1.3.2 (c)
2A, 2O		1013, 1070	Carbon Dioxide; Nitrous Oxide, cream capsules	⁶⁾	²⁾	SP 584
5A, 5F, 5O		1950	Aerosols (spray cans), asphyxiant, flammable, oxidizing	1 litre	10 litres	SP 190 and 344 ^{3) 7)}
		2037	Receptacles small, containing gas, (gas cartridges), asphyxiant, flammable, oxidizing	1 litre	10 litres	SP 191, 303 and 344
5C, 5CO, 5FC		1950	Aerosols (spray cans), corrosive	500 ml	2 litres	SP 190 and 344 ^{3) 7)}
5T, 5TC, 5TF, 5TFC, 5TO, 5TOC		1950	Aerosols (spray cans), toxic	120 ml	500 ml	SP 190 and 344 ^{3) 7)}
		2037	Receptacles, small, containing gas (gas cartridges), toxic			SP 303 and 344
6A		1044	Fire extinguishers	120 ml	500 ml	SP 594 ⁴⁾
		2857	Refrigerating machines containing non-flammable, non-toxic gases	⁸⁾	²⁾	SP 119 ⁴⁾
		3164	Articles, pressurized, pneumatic or hydraulic (containing non-flammable gas)	⁹⁾	²⁾	SP 371 and 594 (No use SP 283)
6F		3358	Refrigerating machines containing flammable, non-toxic, liquefied gas	¹⁰⁾	²⁾	SP 291 ⁴⁾
		3529	Engine/machinery, internal combustion, flammable gas powered	⁵⁾	²⁾	SP 363 (a), (b) except note 2, (d), (f) and (g) (i) - (iii)

* Replaces the "Regulations on the carriage of dangerous substances and articles - Part 2: DHL PAKET National" (Domestic DHL Parcels) (valid from July 1st, 2015)

¹⁾ See Special Provision 653; product of test pressure and capacity is

max. 15,2 MPa · litre (152 bar · litre)

²⁾ maximum gross mass: 30 kg

³⁾ Special regulations for packaging, see section 3

⁴⁾ Special requirements for the marking, see section 4

⁵⁾ no limit

⁶⁾ See Special Provision 584

⁷⁾ On aerosol dispensers, the net amount is the volume (mentioned in ml) and the capacity (the number in the rectangle mentioned without unit)

⁸⁾ See Special Provision 119, last sentence

⁹⁾ See Special Provision 371 (1) (a)

¹⁰⁾ See Special Provision 291, last sentence

Class 3: Flammable Liquids

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
F1	I	1133, 1139, 1210, 1263, 1267, 1268, 1863, 1866, 3295	Adhesives; coating solution; Printing ink/Paint or Printing ink/Paint related materials; Petroleum crude oil; Petroleum distillates/-products, n.o.s.; Fuel, aviation, turbine, engine; Resin solution, flammable; Hydrocarbons, liquid, n.o.s.	500 ml	2 litres	
	II			1 litre	4 litres	
	III	all		3 litres	6 litres	
F3	II	3269	Polyester resin kit, liquid base material	500 ml	2 litres	SP 236
	III	3528	Engine/machinery, internal combustion, flammable liquid powered	5) ¹⁾	2) ²⁾	SP 363 (a), (b) except note 2, (c), (f) and (g) (i) - (iii)
FT1, FT2, FTC, FC	II	alle		500 ml	2 litres	
	III			1 litre	4 litres	

Class 4.1: Flammable solids, self-reactive substances, polymerizing substances and desensitized explosives

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
F1, F3, F4	II	alle		500 g	2 kg	UN 3527: SP 236
	III			1 kg	4 kg	UN 1331: MP 12 ³⁾
F1		1327	Hay, Straw or Bhusa	5) ¹⁾	2) ²⁾	
		2000	table tennis balls made of celluloid	11) ¹⁾	11) ¹⁾	SP 383

Class 4.2: Substances liable to spontaneous combustion

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
S2	III	1361	Carbon, animal or vegetable origin	5) ¹⁾	2) ²⁾	SP 665
		3088	Self-Heating solid, organic, n.o.s.			
		1372	Fibres animal or fibres vegetable, burnt, wet or damp			
		1387	Woll waste, wet			
		1856	Rags, oily			
		1857	Textile waste, wet			

Class 4.3: Substances which, in contact with water, emit flammable gases

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
W1, W2, WF1, WF2, WC1, WC2, WT1, WT2	II	all		500 ml or g	2 litres or kg	
	III			1 litre or kg	4 litres or kg	

Class 5.1: Oxidizing substances

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
O1, O2, OC1, OC2, OT1, OT2	II	all		500 ml or g	2 litres or kg	
	III			1 litre or kg	4 litres or kg	

Class 5.2: Organic Peroxide

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
P1		3101	Organic Peroxide Type B	25 ml	1 litre	
		3103	Organic Peroxide Type C			
		3102	Organic Peroxide Type B			
		3104	Organic Peroxide Type C			
		3105	Organic Peroxide Type D			
		3107	Organic Peroxide Type E			
		3109	Organic Peroxide Type F			
		3106	Organic Peroxide Type D			
		3108	Organic Peroxide Type E			
		3110	Organic Peroxide Type F			

²⁾ maximum gross mass: 30 kg
³⁾ Special regulations for packaging, see section 3
⁵⁾ no limit

¹¹⁾ See Special Provision 383 (net mass per table tennis balls not more than 3,0 g and total net mass of the table tennis balls per package not exceeding 500 g)

Class 6.1: Toxic substances

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
T1, T2, T3, T4, T5, T6, T7, T9, TC2, TC4, TF1, TF2, TF3, TO1, TO2, TW1, TW2	II	all	Liquids	100 ml	1 litre	
			Solids	500 g	2 kg	
T1, T2, T3, T4, T5, T6, T7, TF2	III	all	Liquids or solids	1 litre or kg	4 litres or kg	

Class 6.2: Infectious substances

Name and description Classification Code	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
Exempt substances and articles according 2.2.62.1.5.1 to 2.2.62.1.5.7 ADR	5)	2)	
Exempt human or animal specimens for which there is minimal likelihood that pathogens are presented	5)	2)	2.2.62.1.5.8 ADR ^{3) 4)}
Medical devices or equipment potentially contaminated or containing infectious substances	5)	2)	2.2.62.1.5.9 ADR ^{3) 4)}
Biological products (exempted)	5)	2)	2.2.62.1.9 (a) ADR
Animal material (animal carcasses, animal body parts, animal foodstuffs), known not to contain pathogens ¹⁾	5)	2)	3)

Class 8: Corrosive substances

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, CF1, CF2, CO1, CO2, CT1, CT2	II	all		500 ml or g	2 litres or kg	3)
			III	(except 1910 2812)	1 litre or kg	4 litres or kg
C6		1910	Calcium oxide	5)	2)	
		2812	Sodium alluminate, solid	5)	2)	
CFT	II	2683	Ammonium sulphide, solution	500 ml	2 litres	3)
CT3		3506	Mercury contained in manufactured articles	1 kg	4 kg	SP 366
C11		2800	Batteries, wet, no-spillable, electric storage	5)	2)	SP 238
		3028	Batteries, dry, containing potassium hydroxide solid, elektric storage	2 kg	4 kg	SP 304 (only inactivated batteries without water)

Class 9: Miscellaneous dangerous substances and articles

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
M3	III	2211	Polymeric beads, expandable, evolving flammable vapour	1 kg	4 kg	SP 382, first sentence ²⁾
M4		3090	Lithium metal batteries	12)	2)	SP 188 ³⁾
		3091	Lithium metal batteries contained in equipment or packed with equipment	12)	2)	SP 188 ³⁾
		3480	Lithium ion batteries	12)	2)	SP 188 ³⁾
		3481	Lithium ion batteries contained in equipment or packed with equipment	12)	2)	SP 188 ³⁾
M5		2990	Life-saving appliances, self-inflating	13)	2)	SP 296
		3072	Life-saving appliances, not self-inflating	13)	2)	(only last paragraph)
M6	III	3082	Environmentally hazardous substances, liquid, n.o.s.	1 litres	4 litres	Shipping only in accordance with 3.4 ADR (no application of SP 375)
M7	III	3077	Environmentally hazardous substances, solid, n.o.s.	1 kg	4 kg	
M8		3245	Genetically modified microorganisms (GMMO) or genetically modified organisms (GMO)	5)	2)	SP 219 ^{3) 4)} (not refrigerated liquid nitrogen)
M11		1845	Carbon dioxide, solid (Dry Ice)	5)	2)	Not subject to ADR (when used for cooling or conditions purposes see 5.5.3 ADR) ⁴⁾
		2071	Ammonium nitrat based fertilizer	5)	2)	
		2216	Fish meal (fish scap), stabilized	5)	2)	
		2807	Magnetized material	5)	2)	3)
		3166	Vehicle, flammable liquid/gas powered	5)	2)	SP 312 and 666 ^{3) 4)}
		3171	Battery-powered vehicle/equipment (not with wet or sodium batteries)	5)	2)	SP 240, 360 and 667 (a) and (b) (i)
		3316	Chemical-kit of first aid kit	14)	2)	SP 251
		3363	Dangerous Goods in machinery or in apparatus	5)	2)	3) 4)

²⁾ maximum gross mass: 30 kg

³⁾ Special regulations for packaging, see section 3

⁴⁾ Special requirements for the marking, see section 4

⁵⁾ no limit

¹²⁾ See Special Provision 188

¹³⁾ See Special Provision 296, last paragraph

¹⁴⁾ See Special Provision 251 (permissible ingredients do not exceed the quantity limits as specified in this table)

¹⁾ Pathogens in accordance with 2.2.62.1.1 ADR are microorganisms (including bacteria, viruses, rickettsia, parasites, fungi) and other agents such as prions, which can cause disease in humans or animals.

Classification Code	Packing Group	UN No.	Name and description	Max. net Qty per Inner Packaging	Max. net Qty per Package	Special provisions (SP) according 3.3 ADR / References, Special information in ADR
		3496	nickel metal hydride batteries	⁵⁾	²⁾	⁴⁾
		3499	Capacitor, electric double layer (with an energy storage capacity not greater than 0,3 Wh)	⁵⁾	²⁾	SP 361 (only second sentence)
		3508	Capacitor, asymmetric (with an energy storage capacity not greater than 0,3 Wh)	⁵⁾	²⁾	SP 372 (only second sentence)
		3530	Engine/machinery, external combustion	⁵⁾	⁴⁾	SP 363 (a), (b) except note 2, (e), (f) and (g) (i) - (iii) ⁴⁾

²⁾ maximum gross mass: 30 kg

³⁾ Special regulations for packaging, see section 3

⁴⁾ Special requirements for the marking, see section 4

⁵⁾ no limit

¹²⁾ See Special Provision 188

¹³⁾ See Special Provision 296, last paragraph

3 Packaging and Shipping

General specifications:

- All substances and articles permitted in accordance with Section 2 of this part 2 of the regulations are sure to pack; the unpackaged shipment is not allowed. The packaging must be sufficient protection against the usual static and dynamic loads, which inevitably arise during the carriage have. In particular, they must not tear, burst or be punctured and do not cause disturbances in the postal machining process – neither in the manual nor the machining (in the sorting and distribution).
- Dangerous goods shipped in “Limited Quantities” according to 3.4 ADR, must be packaged in accordance with the applicable packing instructions 3.4.1, 3.4.2, 3.4.4 and 3.4.11 ADR. Single packagings are not permitted. Combination packagings as specified in 6.1.4.21 ADR may be used.
- For others, under Section 2 allowable dangerous goods have to fulfill the general packing provisions, 4.1.1 ADR. In particular, stable overpacks or outer packagings must be used to meet the requirements in accordance with 6.1.4 ADR; for fibreboard boxes (4G) the requirements for the water resistance according to 6.1.4.12.1 ADR is not required.
- Trays in shrink or stretch film and envelopes, padded envelopes with bubble wrap and foil bags or pouches are not permitted as outer packagings, but can be used as inner or intermediate packagings.
- Successfully tested design types of packagings in accordance with 6.1 and 6.2 ADR are considered to provide sufficient protection against unavoidable static and dynamic load normally encountered during postal transport, provided the conditions on the applicable packaging instructions are complied with.
- Closures (like screw caps) of inner packagings containing liquids (e.g. bottles, drums and jerricans) must be checked for tightness and if necessary with the torque specified by the manufacturer to attract.
- Spray head fasteners are to be replaced by screw caps and can be supplied loose. Alternatively, they can be protected with a suitable and sufficiently thick cushioning material. Fasteners with integrated extraction device (e.g. lift-up lid fasteners) shall be provided with an additional fuse (e.g. adhesive tape) so that any release of the substance is effectively prevented. Threaded closures with integrated release devices (e.g. spray nozzle) must be provided with an additional safety mechanism.
- If used as a sealing agent,
 - Spreading clamps
 - are shaped so that their edges are horizontal to each other,
 - be put through all punched holes in the flap,
 - flush against the top;
 - Staples must be secured so that they do not protrude from the surface;
 - Reclosable fasteners (e.g. tabs with self-adhesive strips, sliding and cord closures or certain plug-in seals) so stick even after repeated opening that the flap does not protrude and remain functionally safe as well;
 - Fitting clips
 - locked in punched or cut-outs,
 - arrested by counter-tabs, or
 - be fixed by means of adhesive tape.
- Inner packagings that are liable to break or be easily punctured (such as those made of glass, porcelain, stoneware or certain plastics) must be placed in suitable intermediate packagings meeting the requirements in accordance with 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 ADR and be so designed that they meet the construction requirements of 6.1.4 ADR.
- The standard rules applies for empty packagings which have contained a dangerous substances according 4.1.1.1 ADR, unless adequate measures have been taken (e.g. as cleaning, neutralization, disinfection) to eliminate any danger. The provisions for UN No. 3509 packagings, discarded, empty, uncleaned, do not apply.
- Substances and articles listed in Section 2 of this Part 2 of the regulations may be packed together within the limits set in 4.1.1.6 and 4.1.10.1 ADR in conjunction with other allowable dangerous goods (except gases that are transported in accordance with Special Provision 653) provided there is no dangerous reaction.
- In a shipment with more substances belonging to different (as described in the section 2 of this part 2 of the regulations) classes, classification codes or packaging groups, the total net quantity must not exceed the maximum allowed quantity per substance of a single shipment. In the calculation, 1 ml is equivalent to 1 g.

- The gross weight of the packages must not be more than 30 kg (UN No. 1331 “Strike anywhere”: package shall not weigh more than 27 kg). The shipper has to transmit the gross weight by a clearly visible, statement on the package or written or electronic transfer.
- If dangerous goods are shipped in “Limited Quantities” according to 3.4 ADR, the consignor has to
 - provide the gross mass of each package in a verifiable manner (e.g. by clearly visible and lasting indicated on the package or by written or electronic transmission).
 - refer to hazardous materials generally.

Special requirements:

- If gases of UN No. 1006, 1013, 1046 and 1066 in accordance with special provision 653 ADR are transported, they shall not be packed together with other dangerous goods.
- Fire extinguisher (UN No. 1044) must be packed in strong outer packagings and must also be provided with effective protection against inadvertent discharge (e.g. by use of wire, stable cord, ...). As well it must be additionally arranged a suitable and adequate thick cushion around the triggering mechanism (push button, hand lever, or similar).
- Aerosol dispensers (UN No. 1950) shall be provided with protection against inadvertent discharge pursuant to special provision 190 ADR (first sentence). If compressed gas packs have laterally protruding parts, effective separating materials have to be arranged between them.
- Packaging for UN No. 1372, 1387, 1856 and 1857 as well as animal material (except animal foodstuff) must consist of at least three components:
 - one or more primary receptacle(s):
 - a plastic film sack a minimum of 100 µm (0.1 mm) thick, tightly shut and placed in
 - one or more secondary package(s):
 - a plastic film sack a minimum of 100 µm (0.1 mm) thick, tightly shut and provided with an adequate amount of absorbent material in the case of liquid contents and placed in
 - outer packaging (e.g. a suitably sized stable folding box made of double wall corrugated cardboard).
 An overpack is permitted. These substances and items as well as Animal food staff shall be packaged so that fluids contained can not leak and there is no harm or damage to other items.
- For exempted patient specimen and uncleaned medical devices or equipment, only packaging according 2.2.62.1.5.8 or 2.2.62.1.5.9 ADR is permitted. The outer packaging shall be in the form of a box.
- Liquid substances of Class 8, Packing Group II, in inner packagings of glass, porcelain or stoneware must be enclosed in a compatible and rigid intermediate packaging.
- Magnetic substances (UN No. 2807) shall be packaged in such a way that
 - shipments cannot stick to metal surfaces and
 - do not damage contents of other shipments, such as magnetic data carriers.
 This can be achieved by proper shielding of the magnetic field and/or an equivalent size of the packaging.
- Genetically modified microorganisms (GMMOs) and genetically modified organisms (GMOs), UN No. 3245, shall be packaged in accordance with 4.1.4.1 ADR, packing instruction 904.
- Objects classified as UN No. 3166, 3363, 3528, 3529 and 3530 shall be packed in fluid-tight packaging. All remaining hazardous ingredients are to be emptied prior packaging (where technically possible). Existing openings have to be leak-proof sealed. For liquids contained, wicking material should be supplemented in a sufficient quantity.

4 Marking

Packages which contain substances and/or articles in "Limited Quantities" according 3.4 ADR must be marked clearly and durably as follows (preferably on the address side) pursuant to 3.4.7 ADR:



The top and bottom portions and the surrounding line of this mark shall be black. The centre area shall be white or kept in a sufficiently contrast with the background color and may not include additional entries (e.g. as UN No., name or description). The minimum dimensions shall be 100 x 100 mm and the minimum width of line forming diamond shall be 2 mm. If required by the size of the package, this mark may be reduced to not less than 50 x 50 mm and the width of line can be reduced to 1 mm, provided that they remain clearly visible. The page length should be chosen so that the mark can be as large as possible attached to the package. An arbitrary reduction is not allowed.

The mark in line with 3.4.8 ADR (diamond with "Y") is permissible according 3.4.9 ADR:



The mark of overpacks must be made pursuant to 3.4.11 ADR.

Packages containing additional information next to the mark (e.g. UN number and description) are not required.

Dangerous goods being subject to special provisions 3.3 ADR, have to be marked as follows:

- GMO or GMMO pursuant to special provision 219 ADR with the UN No. "3245" and preceded by the letters "UN" inside a diamond (dimensions at least 50 x 50 mm, character height at least 6 mm).



- Substances pursuant to special provision 653 ADR with the relevant UN number of the gas and preceded by the letters "UN" inside a diamond (dimensions at least 100 x 100 mm, character height at least 6 mm).



- Lithium batteries with UN No. 3090, 3091, 3480 and 3481 under special provision 188 (f) ADR with the mark according 5.2.1.9 ADR.



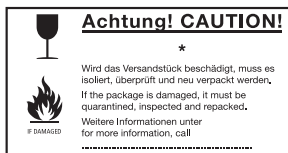
*) space for the UN number (es) and

**) space for the telephone number, under which additional information can be obtained

This provision shall not apply to:

- which are contained button cell batteries installed in equipment (including circuit-boards), or
- with no more than four cells installed in equipment, or
- with no more than two batteries installed in equipment, provided the shipment consists at most of two of such packages.

Marks of lithium batteries as illustrated in figure 7.4.H of the IATA DGR 57th edition 2016 and special provision 188 (f) ADR 2015 may still be available until 31.12.2018 can be used.



Example marks of packages containing lithium batteries (* = place for the correct contents to be entered "lithium metal batteries" and/or "lithium ion batteries").

Packages containing carbon dioxide, solid (dry ice), UN No. 1845, when coolant or conditioner, exempted patient specimens as well as uncleaned medical device and equipment shall be marked as follows:

- "KOHLENDIOXID, FEST (Trockeneis) ALS KÜHLMITTEL" (CARBON DIOXIDE, SOLID (dry ice) AS COOLANT) or "KOHLENDIOXID, FEST (Trockeneis) ALS KONDITIONIERUNGSMITTEL" (CARBON DIOXIDE, SOLID (dry ice) AS CONDITIONER)
- "FREIGESTELLTE MEDIZINISCHE PROBE" (EXEMPT HUMAN SPECIMEN) or "FREIGESTELLTE VETERINÄRMEDIZINISCHE PROBE" (EXEMPT ANIMAL SPECIMEN)
- "GEBRAUCHTES MEDIZINISCHES INSTRUMENT" (USED MEDICAL DEVICE) or "GEBRAUCHTES MEDIZINISCHES GERÄT" (USED MEDICAL EQUIPMENT)

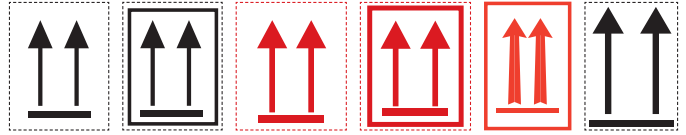
This is a translation of the "Regelungen für die Beförderung von gefährlichen Stoffen und Gegenständen Teil 2: DHL Paket national" in its version as of July 1st 2017 in German language. This translation is for convenience only. The only binding version in case of any dispute, lack of clarity or divergence is the version in German language.

Packages including fire extinguishers, UN No. 1044, which are transported in accordance with Special Provision 594, shall be marked with "FEUERLÖSCHER" (FIRE EXTINGUISHER; letter height at least 12 mm).

Packages including polymeric beads, expandible, evolving flammable vapour, UN No. 2211, shall be marked with "VON ZÜNDQUELLEN FERNHALTEN" (KEEP AWAY FROM ANY SOURCE OF IGNITION).

Packages including batteries, nickel-metal hydride, UN No. 3496, shall be marked with "NICKELMETALLHYDRIDBATTERIEN" or "NICKEL-METAL HYDRID BATTERIES".

Orientation arrows shall be applied according to 5.2.1.10 ADR (for packages with articles under UN No. 1044, 2857, 3166, 3358, 3363, 3528, 3529 and 3530). Marks for orientation on packages according to the illustrations 7.4.D and 7.4.E of the IATA DGR are permitted.



The marks will not be supplied or made available by Deutsche Post or DHL Paket.

5 Specific Notes

For designing the shipments, the information in

- the "General Terms & Conditions of DHL for the (Domestic) Parcel/Express Service" [AGB Paket/Express National],
- the "Conditions of dispatch for DHL domestic and international parcel services" [Versandbedingungen DHL Paket national und international],
- the "Services and Prices" [Leistungen und Preise] (in particular, minimum and maximum dimensions and maximum permissible gross mass),
- product-related brochures must be complied with, in the respective version.

In derogation of the above regulations contained in this part 2, business customers are permitted to send on the basis of additional agreements.

In cases of doubt whether a substance and/or article is admitted to postal carriage, the contact data in the "Services and Prices" [Leistungen und Preise] or at www.dhl.de/kontakt or www.dhl.de/en.html directory may be used for inquiries.

In the event of non-compliance with

- regulations of classification, packaging and marking,
 - provisions of these regulations and
 - other postal requirements,
- the sender shall be liable for the consequences of any damage occurring during shipping.

Legal content as of: July 2017

Publisher:
Deutsche Post AG
Arbeits- und Gesundheitsschutz
Gefahrgutmanagement (Dangerous Goods Management)
53250 Bonn
GERMANY