**SUMMARY OF CHANGES**

THE „REGULATIONS ON THE CARRIAGE OF DANGEROUS SUBSTANCES AND ARTICLES“

Part 2 DHL PACKAGE national (valid from 01.07.2015)

The revised Part 2 PACKAGE DHL national has been made clearer in its readability. In addition, some dangerous goods are permitted for carriage that were previously excluded.

### Section 1 General / Scope

<table>
<thead>
<tr>
<th>Present regulations from 01.07.2013</th>
<th>New regulations from 01.07.2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>The transitional provisions in accordance with 1.6.1.19 ADR (classification of environmentally hazardous substances) and 1.6.1.20 ADR (parallel application of the provisions for „limited quantities“ according to 3.4 ADR 2009) are permitted.</td>
<td>The provisions 1.6.1.19 and 1.6.1.20 have been deleted in the ADR 2015. The determination of the footnote c Table 3.4.6 ADR 2009 can therefore no longer be used.</td>
</tr>
</tbody>
</table>

In aqueous homogeneous mixtures of Class 3 the amounts (specified under LQ3, LQ4 and LQ7) refers only to the contained substances of Class 3.

### Section 2 Excluded and permitted substances and articles

<table>
<thead>
<tr>
<th>Present regulations from 01.07.2013</th>
<th>New regulations from 01.07.2015</th>
</tr>
</thead>
</table>
| Overview of the „permitted for shipping“ dangerous goods in a bulleted list | Overview of the „permitted for shipping“ dangerous goods in tabular form  
**Advantages:** clearer and faster finding of dangerous goods. |

#### Class 2 Gases

Refrigeration machines with flammable, non-toxic liquefied Gas of UN 3358 are not admitted.  
Refrigeration machines with flammable, non-toxic liquefied gas UN 3358 in compliance with Special Provision 291 ADR are approved.  
**Advantages:** Shipping now possible.

#### Class 4.1 flammable solids

For safety matches of the UN1944 the quantity limits are 5 kilograms per inner packaging and 20 kg per package.  
Hay, straw or bhusa UN 1327 fibers, animal or of plant origin, burnt, wet or damp UN 1372, wet wool waste UN 1387, containing oil lobe UN 1856 and wet textile waste UN 1857 are admitted (acc. general exemption in section 1, „admitted after entry into Table A of Chapter 3.2 of ADR“).  
Coal or soot of UN 1361 and „Self-heating solid, organic substances“ UN 3088 are not admitted.

For safety matches of the UN 1944 now apply the uniform quantity limits than 1 kg per inner packaging and 4 kg per Package.  
Hay, straw or bhusa UN 1327 fibers, animal or plant origin, burnt, wet or damp UN 1372, wet Wool wastes of UN 1387, containing oil lobe of the UN 1856 and wet textile waste UN 1857 are approved and added to table A ADR.  
Coal or soot of UN 1361 and „Self-heating solid, organic substances“ UN3088, in compliance with the Multilateral Agreement M282 ADR are admitted.  
Note: Under UN 1361 fall, depending on the ingredients many grill charcoal and briquettes products.  
**Advantages:** Shipping now possible.

#### Class 5.1 Oxidizing (oxidizing) acting substances

For certain substances of classification code O2, special quantity limits are set:  
– Packing Group II, UN 1479, 1748, 2465, 2468, 2880 and 3212, to 500 g per inner packaging and up to 10 kg per package  
– Packing Group II, UN 1479 and 2208, up to 1 kg per inner packaging and up to 10 kg per package

For all materials with the classification code O2, apply the same quantity limitations (analogous to the other classes):  
– Packing Group II: 500 g per inner packaging and 2 kg per package  
– Packing Group III: 1 kg per inner packaging and 4 kg per package

#### Class 6.2 Infectious Substances

Contaminated medical instruments and equipment are not admitted.  
Contaminated medical instruments and equipment in compliance with subsection 2.2.62.1.5.9 ADR are approved.  
**Advantages:** Shipping now possible.
**Class 8 corrosive substances**

Calcium UN 1910 and solid sodium aluminate UN 2812 are approved (as per general exemption in section 1. „Approved according Table A of Chapter 3.2 ADR“).

Calcium UN 1910 and solid sodium aluminate UN 2812 are listed in table A ADR as approved dangerous goods.

**Class 9 miscellaneous dangerous substances and articles**

Solid carbon dioxide (dry ice) of the UN 1845 is not approved as a cooling and conditioning agent in packages.

Solid carbon dioxide of UN 1845 is approved as cooling and conditioning agents in packages under the conditions of section 5.5.3 ADR.

Ammonium nitrate fertilizers UN 2071 and stabilized fishmeal UN 2216 are admitted (as per general exemption in section 1. „Approved according Table A of Chapter 3.2 ADR“).

Ammonium nitrate fertilizers of the UN in 2071 and stabilized fishmeal UN 2216 are approved as dangerous goods included in the table.

Asymmetric capacitors with an energy storage capacity of more than 0.3 Wh of the UN 3508 are not admitted (not in ADR 2013 included).

Asymmetric capacitors with an energy storage capacity of more than 0.3 Wh UN 3508 in accordance with the terms of the new special provision 372 of the ADR are admitted.

For substances of UN 3077 and 3082 the quantity limits are 1 kg or liter per inner packaging and 4 kg or liters per package.

Solid carbon dioxide of UN 1845 is approved as cooling and conditioning agents in packages under the conditions of section 5.5.3 ADR.

Ammonium nitrate fertilizers of the UN in 2071 and stabilized fishmeal UN 2216 are approved as dangerous goods included in the table.

Asymmetric capacitors with an energy storage capacity of more than 0.3 Wh UN 3508 in accordance with the terms of the new special provision 372 of the ADR are admitted.

For substances of UN 3077 and 3082, the quantitative limits of 1 kg or liter per inner packaging and 4 kg or liters per package remain unchanged. Shipping is only possible in accordance with Chapter 3.4 ADR „Limited Quantities“. The new Special Provision 375 ADR, „vessels with 5 kg or 5 liters are completely exempt from the requirements“ may not be applied.

**Section 3 Shipping and payment conditions**

**Present regulations from 01.07.2013**

- Only basic notes regarding the general packing provisions Chapter 4.1 ADR are mentioned.
- No requirements for the transport of extremely sensitive spray head fasteners
- No special requirements for closure means of packaging
- No provisions for empty uncleaned waste packaging
- No requirement for the sender to inform about dangerous goods before/during handing over.

**New regulations from 01.07.2015**

- General specifications:
  - In point 1, the information regarding the general packing provisions of Chapter 4.1 ADR are more detailed.
  - Advantage: easier description.

- Special Requirements:
  - In the 2nd point are the ADR requirements for fragile inner packaging of glass, porcelain and stoneware. These require compatible rigid intermediate packaging.
  - In the 4th point, the requirements for securing the release handles of fire extinguishers have been set.
  - In the 6th point it is mentioned, that before/during the hand-over, an information regarding dangerous goods in „Limited Quantities“ is required (Legal requirement GGVESEB*).

**Section 4 Marking**

**Present regulations from 01.07.2013**

- Labeling requirements from section 3.4.7 of ADR 2013 are shown.
  - Here are the markings for „Limited Quantities“ according ADR 2009, 3.4.4 and ADR 2013, 3.4.7 and examples of appropriate labels.
  - Since solid carbon dioxide (dry ice) UN 1845 and uncleaned medical instruments and devices were not admitted, no labeling requirements were present.
  - For packages with fire extinguishers UN1044 only the alignment arrows under subsection 5.2.1.9 ADR are required.

**New regulations from 01.07.2015**

- The Labeling requirements were extended, e.g. the boundary line of a reduced diamond must only be 1 mm thick instead of 2 mm.
  - Described are the only markings according to the ADR 2011. The transition period for the old markings according to ADR 2009 expires on 30.06.2015.
  - Advantage: standard marking.

- The ADR requirements for the labeling of packages containing solid carbon dioxide (dry ice) and uncleaned medical instruments and devices are entered.
  - For packages with fire extinguishers UN 1044 alignment arrows and a labeling with the word „FIRE EXTINGUISHER“ is required.
  - (Character height at least 12 mm – this due to accidents with fire extinguishers.)

*Ordinance on the Transport of Dangerous Goods by Road, Rail and Inland Waterways (GGVSEB 2015)