

ADR 1.1.3.6 | Exemptions related to quantities carried per transport unit

Where the quantity of dangerous goods carried on one transport unit does not exceed the limits of 1.1.3.6.3 and 1.1.3.6.4, they may be carried in packages without applying part of the ADR requirements. How to check the limit - page 2.

✓ ADR requirements under the 1.1.3.6 exemption

Part of ADR is lifted (1.1.3.6.2), the rest still applies.



Training

Employees whose duties concern the carriage of dangerous goods are trained appropriate to their responsibilities and duties before assuming them (1.3.1). This also applies to drivers without an ADR certificate (8.2.3).



DGSA

An undertaking appoints a safety adviser for the carriage of dangerous goods (1.8.3.1). The competent authority of a country may exempt undertakings whose quantities in each transport unit do not exceed the 1.1.3.6 limits (1.8.3.2 b).

Packaging, marks and labels

Each package is clearly and durably marked with the UN number preceded by the letters "UN" (5.2.1.1) and bears the labels shown in Column (5) of Table A (5.2.2.1.1). Packagings meet the requirements of Part 4.



Orange plates

Under full ADR, orange-coloured plates are affixed at the front and at the rear of the transport unit (5.3.2.1.1). Within the 1.1.3.6 limits Chapter 5.3 does not apply.



Transport document

The transport document shows the total quantity and the calculated value of dangerous goods for each transport category (5.4.1.1.1, Note 1). The document is carried in the driver's cab (8.1.2.1 a).



Instructions in writing

Under full ADR, instructions in writing for an accident emergency are carried readily available in the vehicle crew's cab (5.4.3.1). Within the 1.1.3.6 limits Section 5.4.3 does not apply.



Fire extinguishers

The transport unit carries one portable fire extinguisher for inflammability classes A, B and C with a minimum capacity of 2 kg dry powder (8.1.4.2). It complies with EN 3-7, is sealed, shows the date of the next inspection and is easily accessible to the crew (8.1.4.3-8.1.4.5).



ADR equipment

Under full ADR, the transport unit carries a wheel chock, two warning signs and, for each crew member, a warning vest, portable lighting apparatus, protective gloves and eye protection (8.1.5.2). Within the 1.1.3.6 limits Section 8.1.5 does not apply.



ADR driver certificate

Under full ADR, the driver holds a certificate issued by the competent authority confirming training and a passed examination (8.2.1.1). Within the 1.1.3.6 limits the certificate is not required, but the driver is trained according to Chapter 1.3 (8.2.3).



Tunnel restrictions

Tunnel restrictions by the tunnel restriction code of the load apply to transport units that require orange-coloured plates (8.6.4). Within the 1.1.3.6 limits the plates are not required and Chapter 8.6 does not apply.



ADR 1.1.3.6 · Exemptions related to quantities carried per transport unit

How to check the 1.1.3.6 limit

The limit is checked for each transport unit - for all dangerous goods on it together. The transport category of a load is given in Column (15) of Table A (1.1.3.6.1).

TRANSPORT CATEGORY	CAT 1	CAT 2	CAT 3	CAT 4	CAT 0
Points per kg or L (1.1.3.6.4)	× 50	× 3	× 1	× 0	not permitted
Max. quantity per transport unit (1.1.3.6.3)	20	333	1000	no limit	0

Note (a) - UN 0081, 0082, 0084, 0241, 0331, 0332, 0482, 1005 and 1017 no more than 50 kg per transport unit, multiplier 20 (1.1.3.6.3, 1.1.3.6.4).

Different transport categories on one transport unit (1.1.3.6.4)

$$\begin{aligned}
 &\text{Quantity of category 1} \times 50 \\
 + &\text{Quantity of category 2} \times 3 \\
 + &\text{Quantity of category 3} \times 1 \\
 \hline
 &\leq 1000
 \end{aligned}$$

What counts as the quantity (1.1.3.6.3)

- Articles - total mass in kilograms without packagings, for articles of Class 1 - net mass of the explosive substance.
- Solids, liquefied, refrigerated liquefied and dissolved gases - net mass in kilograms.
- Liquids - total quantity of dangerous goods contained, in litres.
- Compressed and adsorbed gases and chemicals under pressure - water capacity of the receptacle in litres.

Example

UN 1263, PAINT, 3, II, (D/E)	200 L, category 2	$200 \times 3 = 600$
UN 1824, SODIUM HYDROXIDE SOLUTION, 8, III, (E)	300 L, category 3	$300 \times 1 = 300$

Total 900 ≤ 1000 - the exemption applies

Keep in mind

- The exemption covers carriage in packages only, not in tanks or in bulk (1.1.3.6.2). If the quantity exceeds the limit, all ADR requirements apply to the transport unit.
- Goods of transport category 0 are not exempted in any quantity. Empty uncleaned packagings are in category 4 unless they contained category 0 substances (1.1.3.6.1).
- Dangerous goods packed in limited quantities (LQ, Chapter 3.4) and in excepted quantities (EQ, Chapter 3.5) are not counted (1.1.3.6.5).
- Within the 1.1.3.6 limits the prohibition on opening packages (8.3.3), the requirements for portable lighting apparatus (8.3.4), the prohibition on smoking (8.3.5), supervision of vehicles (8.4) and special provisions S1(3) and (6), S2(1), S4, S5, S14-S21 and S24 of Chapter 8.5 still apply.
- For some goods Chapter 1.10 also applies - high consequence dangerous goods of Class 1 and Class 7 excepted packages of UN 2910 and 2911 if the activity level exceeds the A2 value - as well as V5 and V8 of 7.2.4 (1.1.3.6.2).



Aleksandrs Šatohins
aleksandrs@adr.plus



- Hazard labels
- Placards
- Made-to-order marking



Mandatory online ADR
1.3 courses for everyone who
works with dangerous goods.



Calculator online

This summary follows ADR 2025 and does not replace the text of ADR. If you are not sure about the quantity of a load or the requirements that apply to it, contact a DGSA before shipping.