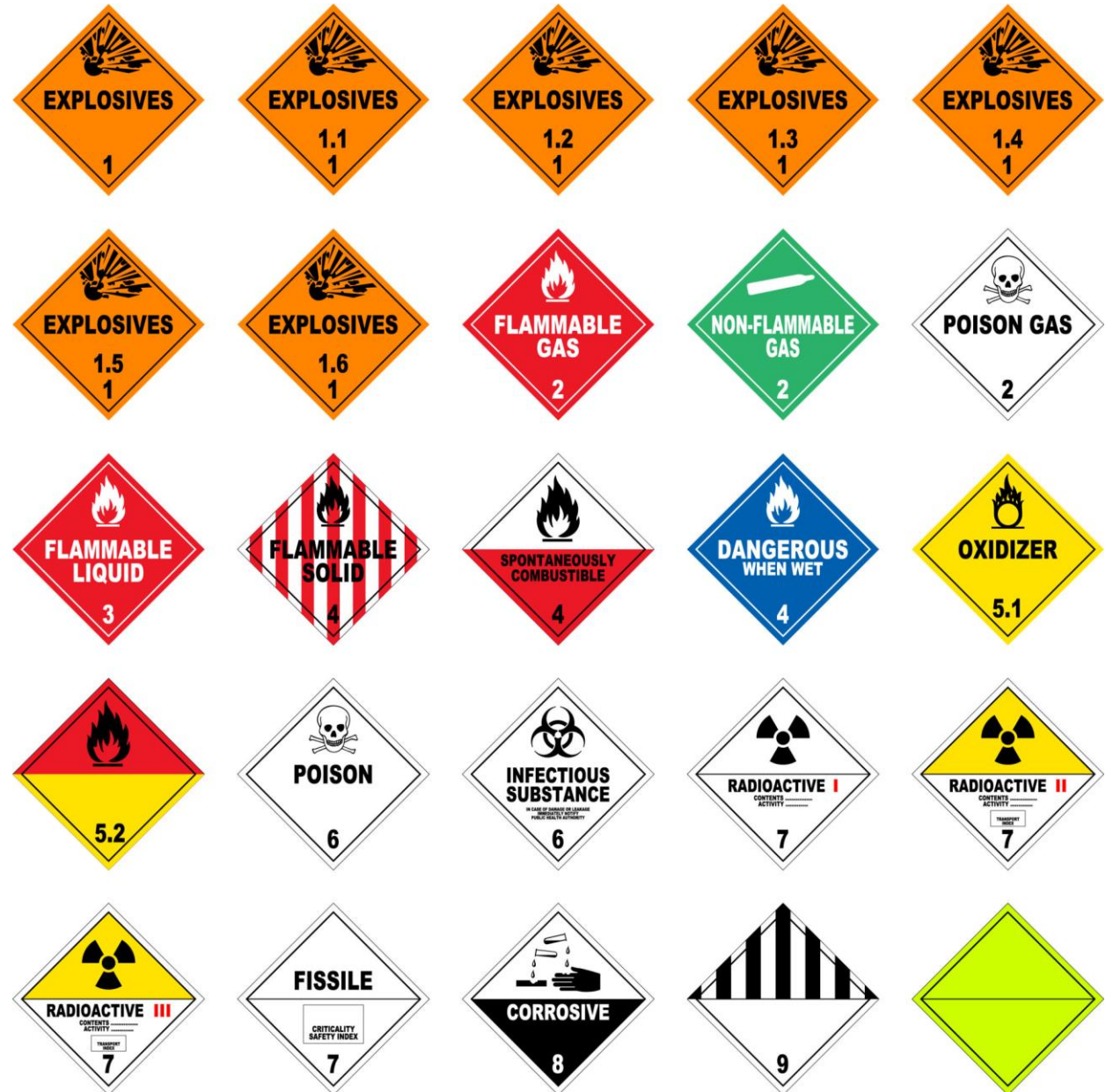


Dangerous goods

Information for deliverers/collectors

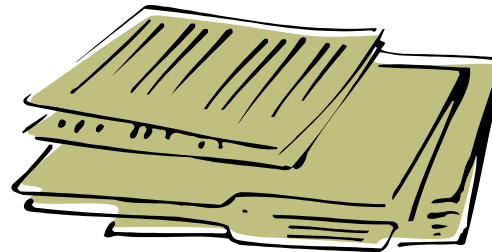
Group Logistics
Hamburg, 07.02.2025



1

Accompanying documents

According to 8.1.2 ADR / GGVSEB



Overview

Accompanying documents according to 8.1.2 ADR / GGVSEB

- » Transport document (sender)
- » Instructions in Writing (carrier)
- » ADR training certificate
- » Registration certificate for vehicles for the transport of certain dangerous goods
- » Container/vehicle packing certificate (required for maritime transport)
- » Transport authorizations for certain dangerous goods of classes 1, 5.2, 7
- » Photo ID of the vehicle crew
- » Additional national paperwork, if applicable/necessary:
 - » Special authorizations according to § 5 GGVSEB
 - » Route regulations and certificates according to § 35 GGVSEB
 - » Tank inspection certificate for demountable tanks § 19 Para. 2 No. 5a GGVSEB

Transport document

Information according to ADR / RID

1. Name and address of the sender and recipient (see also 5.4.1.4.1 for details of the recipient)
2. Dangerous goods information
 - » **UN-number** of the substance/object (preceded by the letters 'UN')
 - » **Official designation** for transport according to Table A Chapter 3.2 ADR/RID (observe special provision 274 or 318!)
 - » **Hazard label number(s)** from column 5 Table A (add further numbers in brackets), for class 1 subclass with compatibility letters
 - » **Packaging group** (if applicable)
 - » **Tunnel restriction code** from column 15 of Table A (ADR only)
 - » The indication '**environmentally hazardous**' if the substance fulfils the criteria according to 2.2.9.1.10
3. **Total quantity** as volume or as gross or net mass
4. **Number** and **description** of **packages**
5. Other required special markings according to section 5.4.1 of ADR/RID

Transport document

Form and content

- » The transport document is not bound to any particular form.
- » Free forms or forms from other legal areas can be used, e.g. waste consignment notes or international waybills
- » Note: International consignment note compulsory (CMR consignment note in road transport or CIM consignment note in rail transport)
- » Example:

Name and address of sender	Name and address of consignee
UN 1340 Phosphorpentasulfid, 4.3 (4.1), II, (D/E), „environmentally hazardous”	
15 drums, 2,250 kgs	

↑
only ADR



Transport document

Example

Empfänger	(412271)
Auftraggeber	(412271)
Bestell-Nr. Frd	April 2021 Transport
Transport-Nr	418/9030060051
Dispo-Nr	42010862
Kontrakt-Nr	

Fahrzeugart/-bezeichnung	Fahrzeugnummer	Material:	Verpackungs-
Material-Bez.	Charge	Stück / Gewicht	Stück Art Gewicht

LKW	UN		
Auflieger			
KRS-Zinkoxid		24.980 kg	
Reach	Registriernummern		
01-2119472131-50-0008			
UN 3077	UMWELTGEFÄHRDENDER STOFF, FEST, N.A.G.		
	(Flue dust, copper refining), 9, III,(-)		
Anlage: 1	Produkterklärung		
Mat-Nr.	1089665086900		
KRS	484		

Tunnel restriction codes

Tunnel restriction code of the total load	Restriction
B	Passage prohibited through category B, C, D and E tunnels
B1000C	Passage prohibited through category B tunnels if the total net explosive mass per transport unit is greater than 1,000 kg Passage prohibited through category C, D and E tunnels
B/D	Tank transport: Passage prohibited through category B, C, D, E tunnels; Other transport: Passage prohibited through category D and E tunnels.
B/E	Tank transport: Passage prohibited through category B, C, D, E tunnels; Other transport: Passage prohibited through category D and E tunnels. Passage prohibited through category E tunnels.
C	Passage prohibited through category C, D and E tunnels
C5000D	Transport of a total net explosive mass per transport unit greater than 5,000 kg: Transit prohibited through tunnels of category C, D and not more than 5,000 kg: Transit prohibited through category D and E tunnels
C/D	Tank transport: Passage prohibited through category C, D and E tunnels; Other transport: Passage prohibited through category D and E tunnels
C/E	Tank transport: Passage prohibited through category C, D and E tunnels; Other transport: Passage prohibited through category E tunnels
D	Passage prohibited through category D and E tunnels
D/E	Bulk goods and tank transport: Passage prohibited through category D and E tunnels; Other transport: Passage prohibited through category E tunnels
E	Passage prohibited through category E tunnels
–	Passage through all tunnels permitted (for UN numbers 2919 and 3331 see also subsection 8.6.3.1)

Instructions in Writing

Purpose and Scope of application

Purpose

- » In the event of an accidental emergency situation, written instructions provided by the carrier to the vehicle crew must be carried when transporting dangerous goods. These instructions must be written in a language that every member of the vehicle crew understands and they must be kept safely and easily accessible in the driver's cab.

Scope of application

- » Basically for all dangerous goods classes
- » Exceptions: Transport of small quantities, limited/exempt quantities, exemptions, national exemptions or multilateral agreements

Instructions in Writing

Structure according to 5.4.3 ADR – Page 1

Actions in the event of an accident or emergency

INSTRUCTIONS IN WRITING ACCORDING TO ADR

Actions in the event of an accident or emergency

In the event of an accident or emergency that may occur or arise during carriage, the members of the vehicle crew shall take the following actions where safe and practicable to do so:

- Apply the braking system, stop the engine and isolate the battery by activating the master switch where available;
- Avoid sources of ignition, in particular, do not smoke, use electronic cigarettes or similar devices or switch on any electrical equipment;
- Inform the appropriate emergency services, giving as much information about the incident or accident and substances involved as possible;
- Put on the warning vest and place the self-standing warning signs as appropriate;
- Keep the transport documents readily available for responders on arrival;
- Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind;
- Where appropriate and safe to do so, use the fire extinguishers to put out small/initial fires in tyres, brakes and engine compartments;
- Fires in load compartments shall not be tackled by members of the vehicle crew;
- Where appropriate and safe to do so, use on-board equipment to prevent leakages into the aquatic environment or the sewage system and to contain spillages;
- Move away from the vicinity of the accident or emergency, advise other persons to move away and follow the advice of the emergency services;
- Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

Instructions in Writing

Structure according to 5.4.3 ADR – Page 2-4

Additional guidance to members of the vehicle crew on the hazard characteristics of dangerous goods by class and on action subject to prevailing circumstances

Additional guidance to members of the vehicle crew on the hazard characteristics of dangerous goods by class and on actions subject to prevailing circumstances		
Danger labels and placards (1)	Hazard characteristics (2)	Additional guidance (3)
Explosive substances and articles  1 1.5 1.6	May have a range of properties and effects such as mass detonation; projection of fragments; intense fire/heat flux; formation of bright light, loud noise or smoke. Sensitive to shocks and/or impacts and/or heat.	Take cover but stay away from windows.
Explosive substances and articles  1.4	Slight risk of explosion and fire.	Take cover.
Flammable gases  2.1	Risk of fire. Risk of explosion. May be under pressure. Risk of asphyxiation. May cause burns and/or frostbite. Contents may explode when heated.	Take cover. Keep out of low areas.
Non-flammable, non-toxic gases  2.2	Risk of asphyxiation. May be under pressure. May cause frostbite. Contents may explode when heated.	Take cover. Keep out of low areas.
Toxic gases  2.3	Risk of intoxication. May be under pressure. May cause burns and/or frostbite. Contents may explode when heated.	Use emergency escape mask. Take cover. Keep out of low areas.
Flammable liquids  3	Risk of fire. Risk of explosion. Contents may explode when heated.	Take cover. Keep out of low areas.

Instructions in Writing

Structure according to 5.4.3 ADR – Page 4

Equipment for personal and general protection to carry out general actions and hazard specific emergency actions to be carried on board the transport unit in accordance with section 8.1.5 of ADR

**Equipment for personal and general protection
to carry out general actions and hazard specific emergency actions
to be carried on board the transport unit in accordance with section 8.1.5 of ADR**

The following equipment shall be carried on board the transport unit:

- for each vehicle, a wheel chock of a size suited to the maximum mass of the vehicle and to the diameter of the wheel;
- two self-standing warning signs;
- eye rinsing liquid^a; and

for each member of the vehicle crew

- a warning vest;
- portable lighting apparatus;
- a pair of protective gloves; and
- eye protection.

Additional equipment required for certain classes:

- an emergency escape mask for each member of the vehicle crew shall be carried on board the transport unit for danger label numbers 2.3 or 6.1;
- a shovel^b;
- a drain seal^b;
- a collecting container^b.

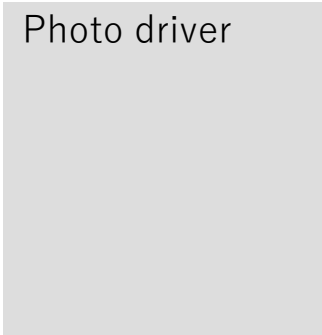
ADR training certificate

Basic information & Card format

- » Mandatory training for dangerous goods drivers including examination -> ADR training certificate (e.g. in DE through IHK)
- » Valid for 5 years, extension/renewal up to 12 months before expiry
- » Obligation to carry in case of DG transport
- » valid in all ADR contracting states (however, local regulations must also be observed)

Front side

**ADR TRAINING CERTIFICATE
FOR VEHICLE DRIVERS***

Photo driver 	1. Certificate number
	2. Last name
	3. First name
	4. Date of birth (TT/MM/JJJJ)
	5. Nationality
	6. Signature of driver
	7. Issuing authority
	8. Valid until (TT/MM/JJJJ)

*Country code

Reverse side

GÜLTIG FÜR KLASSE(N) ODER UN-NUMMERN:

IN TANKS	EXCEPT IN TANKS
9. (Classe or UN-number(s))	10. (Class or UN-number(s))

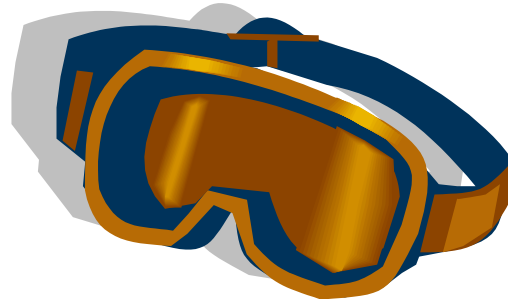
Responsibilities in case of DG transport Overview

Type of document	Responsible for			Notes
	Creation	Handover	Carriage	
Transport document	sender	carrier	Driver	
Instructions in Writing	not named (creator)	carrier		language of driver
ADR training certificate	IHK after passing the examination § 14 GGVSEB	IHK		carrier may only use drivers with valid ADR authorization, if required
- Container/vehicle packing certificate	party responsible for packing and loading/unloading	carrier shipper		carriage to seaports according to § 18 of the GGVSee
ADR authorisation certificate	Experts § 14 GGVSEB	carrier Vehicle owner		
Route regulations § 35 GGVSEB	responsible authority	carrier		applicants can be various parties
Tank inspection certificate for demountable tanks	Experts § 14 GGVSEB	carrier		only required nationally
Exceptional authorization § 5 GGVSEB	responsible authority	carrier		applicants can be various parties
Transport authorization	responsible authority	carrier		

2

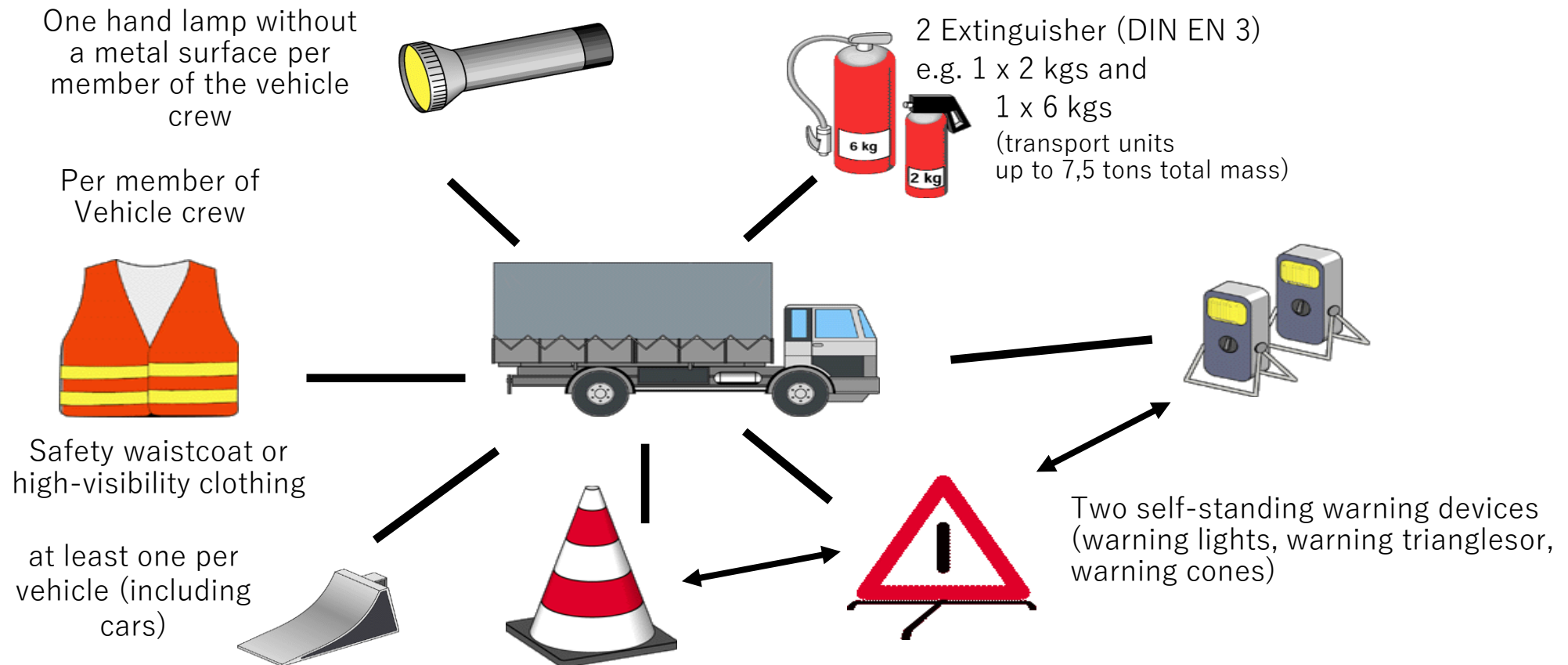
Vehicle equipment

According to 8.1.4 & 8.1.5 ADR



Vehicle equipment according to 8.1.4 & 8.1.5 ADR

Items of equipment



Vehicle Equipment (8.1.5 ADR & Instructions in writing)

Items of equipment

Personal protective equipment:

Eyewash bottle

(not required for hazard labels
No. 1/1.4/1.5/1.6/2.1/2.2
und 2.3)



Each member of vehicle crew:

Protective gloves

Eye protection

Respirator mask for substances,
objects with hazard label

No. 6.1 or 2.3. Standard EN 14387:2004+A1:2008
(note expiry date)



Equipment to protect the environment:

Sewer cover (90 cm x 90 cm),
shovel or spade and collection container (at least 5 litres)
only for hazard labels no. 3/4.1/4.3/8 or 9



Vehicle equipment 8.1.4 ADR

Extinguisher (ABC Powder extinguisher)



Transport units with DG up to 1 000 points according to table 1.1.3.6.3 ADR

Inspection period for fire extinguishers manufactured in Germany every 2 years, in accordance with § 36 of the GGVSEB

For class 6.2, the following is generally sufficient: a 2 kg fire extinguisher

Transport units subject to labelling

- ABC powder extinguisher
- Extinguishing agent quantity (LM) depending on total mass of transport unit

Up to 3,5 t perm. Total mass	3,5 t – 7,5 t perm. total mass	over 7,5 t perm. total mass
Total: 4 kgs (LM) = 2 x 2 kgs	Total: 8 kgs (LM) = 1 x 6 kgs and 1 x 2 kgs	Total: 12 kg (LM) = 2 x 6 kg or 1 x 6 kg and 2 x 3 kg or 1 x 6 kg and 3 x 2 kg

Transport unit