

Economic Commission for Europe  
Inland Transport Committee

Restructured

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# ADR

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applicable as from 1 January 2003

**European Agreement**  
Concerning the International Carriage  
of Dangerous Goods by Road

**Volume I**



UNITED NATIONS  
New York and Geneva, 2002

## NOTE

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## FOREWORD

### General

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) was done at Geneva on 30 September 1957 under the auspices of the United Nations Economic Commission for Europe, and it entered into force on 29 January 1968. The Agreement itself was amended by the Protocol amending article 14 (3) done at New York on 21 August 1975, which entered into force on 19 April 1985.

According to article 2 of the Agreement, dangerous goods barred from carriage by Annex A shall not be accepted for international transport, while international transport of other dangerous goods shall be authorized subject to compliance with:

- the conditions laid down in Annex A for the goods in question, in particular as regards their packaging and labelling; and
- the conditions laid down in Annex B, in particular as regards the construction, equipment and operation of the vehicle carrying the goods in question.

Nevertheless, according to article 4, each Contracting Party shall retain the right to regulate or prohibit, for reasons other than safety during carriage, the entry of dangerous goods into its territory. Contracting Parties also retain the right to arrange, by bilateral or multilateral agreements, that certain dangerous goods which are prohibited from carriage by Annex A be internationally carried, subject to certain conditions, on their territories, or that dangerous goods authorized to be carried internationally according to Annex A be carried on their territories under conditions less stringent than those specified in Annexes A and B.

Annexes A and B have been regularly amended and updated since the entry into force of ADR.

### Structure of Annexes A and B

The Working Party on the Transport of Dangerous Goods (WP.15) of the Economic Commission for Europe's Inland Transport Committee decided, at its fifty-first session (26-30 October 1992), to restructure Annexes A and B, on the basis of a proposal by the International Road Transport Union (TRANS/WP.15/124, paras. 100-108). The main objectives were to make the requirements more accessible and more user-friendly so that they could be applied more easily not only to international road transport operations under ADR, but also to domestic traffic in all European States through national or European Community legislation, and ultimately to ensure a consistent regulatory framework at European level. It was also considered necessary to identify more clearly the duties of the various participants in the transport chain, to group more systematically the requirements concerning these various participants, and to differentiate the legal requirements of ADR from the European or international standards that could be applied to meet such requirements.

The restructured ADR adopted by WP.15 is consistent with the United Nations *Recommendations on the Transport of Dangerous Goods, Model Regulations*, the *International Maritime Dangerous Goods Code (IMDG Code)*, the International Civil Aviation Organization's *Technical Instructions for the Safe Transport of Dangerous Goods by Air*, and is fully harmonized with the *Regulations concerning the International Carriage of Dangerous Goods by Rail (RID)*.

The structure has been split into nine parts, but still grouped under two annexes to align with the wording of article 2 of the Agreement itself. The layout is as follows:

## ***Annex A: General provisions and provisions concerning dangerous articles and substances***

Part 1	General provisions
Part 2	Classification
Part 3	Dangerous goods list, special provisions and exemptions related to dangerous goods packed in limited quantities
Part 4	Packing and tank provisions
Part 5	Consignment procedures
Part 6	Requirements for the construction and testing of packagings, intermediate bulk containers (IBCs), large packagings and tanks
Part 7	Provisions concerning the conditions of carriage, loading, unloading and handling

## ***Annex B: Provisions concerning transport equipment and transport operations***

Part 8	Requirements for vehicle crews, equipment, operation and documentation
Part 9	Requirements concerning the construction and approval of vehicles

Part 1, which contains general provisions and definitions, is an essential part, since it contains all definitions for terms used throughout the other parts, and it defines precisely the scope and applicability of ADR, including the possibility of exemptions, as well as the applicability of other regulations. It also contains provisions concerning training, derogations and transitional measures, as well as provisions defining the respective safety obligations of the various participants in a chain of transport of dangerous goods. Provisions concerning checks and other support measures to ensure compliance with safety requirements, including requirements for safety advisers, have also been included.

Central to the use of the restructured ADR is table A of Chapter 3.2 which contains the dangerous goods list in the numerical order of UN numbers. Once the UN number of a specific dangerous substance or article has been determined, the table provides cross-references to specific requirements to be applied for the carriage of that substance or article, and to the chapters or sections where these specific requirements may be found. Nevertheless, it should be borne in mind that the general requirements or class specific requirements of the various Parts have to be applied in addition to specific requirements, as relevant.

An alphabetical index which indicates the UN number assigned to specific dangerous goods has been prepared by the secretariat and added as table B of Chapter 3.2 to facilitate the access to table A when the UN number is unknown. This table B is not an official part of ADR and has been added in the publication for easy reference only.

When goods which are known or suspected to be dangerous cannot be found by name in any of tables A or B, they have to be classified in accordance with Part 2, which contains all relevant procedures and criteria to determine whether such goods are deemed to be dangerous or not and which UN number should be assigned.

### **Legal texts**

The first version of the restructured annexes, as proposed by the Government of Portugal to all Contracting Parties in accordance with the amendment procedure of article 14 of ADR (Depositary Notification C.N.1078.2000.TREATIES-3 of 1 January 2001) became legally applicable on 1 July 2001 (Depositary Notification C.N.282.2001.TREATIES-1 (Reissued) of 17 April 2001).

It was published under symbol ECE/TRANS/140, Vol. I and II. Paragraph 1.6.1.1 of Chapter 1.6 of this first version contains transitional provisions according to which the requirements of ADR applicable up to 30 June 2001 may continue to be applied until 31 December 2002, unless otherwise provided.

Since then, WP.15 adopted a number of corrections to the original text of the first version of the restructured annexes, which have also become legally applicable, and which are contained in the following documents (corrections to the English text):

TRANS/WP.15/165/Add.2 (See Depositary notifications C.N.870.2001 TREATIES-4 of 18 September 2001 and C.N.1454.2001 TREATIES-5 of 18 December 2001);

TRANS/WP.15/167/Add.3 (See Depositary notifications C.N.316.2002.TREATIES-1 of 5 April 2002 and C.N.675.2002.TREATIES-2 of 5 July 2002);

TRANS/WP.15/170/Add.1 (Legal procedure of correction under way at the time of writing this foreword).

These corrections to the English version are also reflected in documents ECE/TRANS/140/Corr.1, -/Corr.4 and -/Corr.6.

In addition, WP.15 has adopted new amendments to Annexes A and B of ADR, mainly intended to align them with the twelfth revised edition of the United Nations *Recommendations on the Transport of Dangerous Goods, Model Regulations*. These amendments are reflected in documents TRANS/WP.15/168 and TRANS/WP.15/168/Add.1 and have been proposed by the Government of Portugal to all Contracting Parties in accordance with article 14 of ADR (Depositary Notification C.N.666.2002.TREATIES-1 of 1 July 2002) (Procedure of acceptance under way at the time of writing this foreword).

This second edition of the restructured ADR ("Restructured ADR 2003") incorporates all corrections and amendments listed above.

#### **Applicability of the restructured ADR 2003 and limits of validity of previous editions published by the United Nations**

Notwithstanding the transitional measures provided for in this publication, which allow compliance with certain requirements contained in previous editions, the editions of ADR published by the United Nations which may be used for compliance are as follows:

Until 31 December 2002:	1999 edition (ECE/TRANS/130, Vol. I and II, and corrigendum 2) (except for the carriage of radioactive material); or
	2001 edition (ECE/TRANS/140, Vol. I and II, and corrigenda 1, 2, 4 and 6);
From 1 January 2003 until 30 June 2003:	2001 edition (ECE/TRANS/140, Vol. I and II, and corrigenda 1, 2, 4 and 6); or
	2003 edition (ECE/TRANS/160, Vol. I and II, and any corrigenda later published);
As from 1 July 2003:	2003 edition (ECE/TRANS/160, Vol. I and II, and any corrigenda or amendment later published).

## **Territorial applicability**

ADR is an Agreement between States, and there is no overall enforcing authority. In practice, highway checks are carried out by Contracting Parties, and non-compliance may then result in legal action by national authorities against offenders in accordance with their domestic legislation. ADR itself does not prescribe any penalties. At the time of publishing, those Contracting Parties are Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Kazakhstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Morocco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Slovakia, Slovenia, Spain, Sweden, Switzerland, The former Yugoslav Republic of Macedonia, Ukraine, United Kingdom, Yugoslavia.

ADR applies to transport operations performed on the territory of at least two of the above-mentioned Contracting Parties. In addition, it should be noted that, in the interest of uniformity and free trading across the European Union (EU), Annexes A and B of ADR have also been adopted by EU Member States as the basis for regulation of the carriage of dangerous goods by road within and between their territories (Council directive 94/55/EC of 21 November 1994 on the approximation of the laws of the Member States with regard to the transport of dangerous goods by road, as amended). A number of non-EU countries have also adopted Annexes A and B of ADR as the basis for their national legislation.

## **Additional practical information**

For easy reference, the secretariat has included in this publication an appendix to Part 1 which contains the list of competent authorities of all Contracting Parties to ADR, up to date on 1 July 2002. Any query concerning the application of ADR should be directed to the relevant competent authority. Additional information may also be found on the UNECE Transport Division web site on the following page:

[http://www.unece.org/trans/danger/publi/adr/adr\\_e.html](http://www.unece.org/trans/danger/publi/adr/adr_e.html)

This information, updated on a continuous basis, concerns:

- the status of ADR;
- Depositary notifications (e.g.: new Contracting Parties, amendments or corrections to legal texts);
- Publication details (corrections to the publication, new publications);
- List and details of competent authorities;
- Text and status of multilateral agreements concluded under Chapter 1.5;
- Notifications under 1.9.4;
- Other notifications.

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**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL  
CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)**

**THE CONTRACTING PARTIES,**

**DESIRING** to increase the safety of international transport by road,

**HAVE AGREED** as follows:

**Article 1**

For the purpose of this Agreement,

- (a) the term "vehicle" shall mean motor vehicles, articulated vehicles, trailers and semi-trailers, as defined in article 4 of the Convention on Road Traffic of 19 September 1949, other than vehicles belonging to or under the orders of the armed forces of a Contracting Party;
- (b) the term "dangerous goods" shall mean those substances and articles the international carriage by road of which is prohibited by, or authorized only on certain conditions by, Annexes A and B;
- (c) the term "international transport" shall mean any transport operation performed on the territory of at least two Contracting Parties by vehicles defined in (a) above.

**Article 2**

1. Subject to the provisions of article 4, paragraph 3, dangerous goods barred from carriage by Annex A shall not be accepted for international transport.
2. International transport of other dangerous goods shall be authorized subject to compliance with:
  - (a) the conditions laid down in Annex A for the goods in question, in particular as regards their packaging and labelling, and
  - (b) the conditions laid down in Annex B, in particular as regards the construction, equipment and operation of the vehicle carrying the goods in question, subject to the provisions of article 4, paragraph 2.

**Article 3**

The Annexes to this Agreement shall form an integral part thereof.

**Article 4**

1. Each Contracting Party shall retain the right to regulate or prohibit, for reasons other than safety during carriage, the entry of dangerous goods into its territory.
2. Vehicles in service on the territory of a Contracting Party at the time of entry into force of this Agreement or brought into service on such territory within two months after its entry into force shall be allowed, for a period of three years from such entry into force, to perform the international transport of dangerous goods even if their construction and equipment do not entirely conform to the requirements laid down in Annex B for the transport operation in question. Under special clauses of Annex B, however, this period may be reduced.

3. The Contracting Parties shall retain the right to arrange, by special bilateral or multilateral agreements, that certain of the dangerous goods which under this Agreement are barred from all international transport may, subject to certain conditions, be accepted for international transport on their territories, or that dangerous goods which under this Agreement are acceptable for international transport only on specified conditions may be accepted for international transport on their territories under conditions less stringent than those laid down in the Annexes to this Agreement. The special bilateral or multilateral agreements referred to in this paragraph shall be communicated to the Secretary-General of the United Nations, who shall communicate them to the Contracting Parties which are not signatories to the said agreements.

#### **Article 5**

The transport operations to which this Agreement applies shall remain subject to national or international regulations applicable in general to road traffic, international road transport and international trade.

#### **Article 6**

1. Countries members of the Economic Commission for Europe and countries admitted to the Commission in a consultative capacity under paragraph 8 of the Commission's terms of reference may become Contracting Parties to this Agreement.

- (a) by signing it;
- (b) by ratifying it after signing it subject to ratification;
- (c) by acceding to it.

2. Such countries as may participate in certain activities of the Economic Commission for Europe in accordance with paragraph 11 of the Commission's terms of reference may become Contracting Parties to this Agreement by acceding to it after its entry into force.

3. The Agreement shall be open for signature until 15 December 1957. Thereafter, it shall be open for accession.

4. Ratification or accession shall be effected by the depositing of an instrument with the Secretary-General of the United Nations.

#### **Article 7**

1. This agreement shall enter into force one month after the date on which the number of countries mentioned in article 6, paragraph 1, which have signed it without reservation of ratification or have deposited their instruments of ratification or accession has reached a total of five. However, the Annexes thereto shall not apply until six months after the entry into force of the Agreement itself.

2. For any country ratifying or acceding to this Agreement after five of the countries referred to in article 6, paragraph 1, have signed it without reservation of ratification or have deposited their instruments of ratification or accession, this Agreement shall enter into force one month after the said country has deposited its instrument of ratification or accession and the Annexes thereto shall apply for the said country either on the same date, if they are already in force by that date, or, if they are not in force by that date, on the date on which they apply under the provisions of paragraph 1 of this article.

#### **Article 8**

1. Any contracting Party may denounce this Agreement by so notifying the Secretary-General of the United Nations.

2. Denunciation shall take effect twelve months after the date of receipt by the Secretary-General of the notification of denunciation.

#### **Article 9**

1. This Agreement shall cease to have effect if, after its entry into force, the number of Contracting Parties is less than five during twelve consecutive months.

2. In the event of the conclusion of a worldwide agreement for the regulation of the transport of dangerous goods, any provision of this Agreement which is contrary to any provision of the said worldwide agreement shall, from the date on which the latter enters into force, automatically cease to apply to relations between the Parties to this Agreement which become parties to the worldwide agreement, and shall automatically be replaced by the relevant provision of the said worldwide agreement.

#### **Article 10**

1. Any country may, at the time of signing this Agreement without reservation of ratification or of depositing its instrument of ratification or accession or at any time thereafter, declare by notification addressed to the Secretary-General of the United Nations that this Agreement shall extend to all or any of the territories for the international relations of which it is responsible. The Agreement and the annexes thereto shall extend to the territory or territories named in the notification one month after it is received by the Secretary-General.

2. Any country which has made a declaration under paragraph 1 of this article extending this Agreement to any territory for whose international relations it is responsible may denounce the Agreement separately in respect of the said territory in accordance with the provisions of article 8.

#### **Article 11**

1. Any dispute between two or more Contracting Parties concerning the interpretation or application of this Agreement shall so far as possible be settled by negotiation between them.

2. Any dispute which is not settled by negotiation shall be submitted to arbitration if any one of the Contracting Parties in dispute so requests and shall be referred accordingly to one or more arbitrators selected by agreement between the Parties in dispute. If within three months from the date of the request for arbitration the Parties in dispute are unable to agree on the selection of an arbitrator or arbitrators, any of those Parties may request the Secretary-General of the United Nations to nominate a single arbitrator to whom the dispute shall be referred for decision.

3. The decision of the arbitrator or arbitrators appointed under paragraph 2 of this article shall be binding on the Contracting Parties in dispute.

#### **Article 12**

1. Each Contracting Party may, at the time of signing, ratifying, or acceding to, this Agreement, declare that it does not consider itself bound by article 11. Other Contracting Parties shall not be bound by article 11 in respect of any Contracting Party which has entered such a reservation.

2. Any Contracting Party having entered a reservation as provided for in paragraph 1 of this article may at any time withdraw such reservation by notifying the Secretary-General of the United Nations.

#### **Article 13**

1. After this Agreement has been in force for three years, any Contracting Party may, by notification to the Secretary-General of the United Nations, request that a conference be convened for the purpose of reviewing the text of the Agreement. The Secretary-General shall notify all Contracting Parties of the request and a review conference shall be convened by the Secretary-General if, within a period of four months following the date of

notification by the Secretary-General, not less than one-fourth of the Contracting Parties notify him of their concurrence with the request.

2. If a conference is convened in accordance with paragraph 1 of this article, the Secretary-General shall notify all the Contracting Parties and invite them to submit within a period of three months such proposals as they may wish the Conference to consider. The Secretary-General shall circulate to all Contracting Parties the provisional agenda for the conference, together with the texts of such proposals, at least three months before the date on which the conference is to meet.

3. The Secretary-General shall invite to any conference convened in accordance with this article all countries referred to in article 6, paragraph 1, and countries which have become Contracting Parties under article 6, paragraph 2.

#### **Article 14<sup>1</sup>**

1. Independently of the revision procedure provided for in article 13, any Contracting Party may propose one or more amendments to the Annexes to this Agreement. To that end it shall transmit the text thereof to the Secretary-General of the United Nations. The Secretary-General may also propose amendments to the Annexes to this Agreement for the purpose of ensuring concordance between those Annexes and other international agreements concerning the carriage of dangerous goods.

2. The Secretary-General shall transmit any proposal made under paragraph 1 of this article to all Contracting Parties and inform thereof the other countries referred to in article 6, paragraph 1.

3. Any proposed amendment to the Annexes shall be deemed to be accepted unless, within three months from the date on which the Secretary-General circulates it, at least one-third of the Contracting Parties, or five of them if one-third exceeds that figure, have given the Secretary-General written notification of their objection to the proposed amendment. If the amendment is deemed to be accepted, it shall enter into force for all the Contracting Parties, on the expiry of a further period of three months, except in the following cases:

- (a) In cases where similar amendments have been or are likely to be made to the other international agreements referred to in paragraph 1 of this article, the amendment shall enter into force on the expiry of a period the duration of which shall be determined by the Secretary-General in such a way as to allow, wherever possible, the simultaneous entry into force of the amendment and those that have been made or are likely to be made to such other agreements; such period shall not, however, be of less than one month's duration;
- (b) The Contracting Party submitting the proposed amendment may specify in its proposal, for the purpose of entry into force of the amendment, should it be accepted, a period of more than three months' duration.

4. The Secretary-General shall, as soon as possible, notify all Contracting Parties and all the countries referred to in article 6, paragraph 1, of any objection which may be received from the Contracting Parties to a proposed amendment.

5. If the proposed amendment to the Annexes is not deemed to be accepted, but if at least one Contracting Party other than the Contracting Party which proposed the amendment has given the Secretary-General written notification of its agreement to the proposal, a meeting of all the Contracting Parties and all the countries referred to in article 6, paragraph 1, shall be convened by the Secretary-General within three months after the expiry of the period of three months within which, under paragraph 3 of this article, notification must be given of objection to the amendment. The Secretary-General may also invite to such meeting representatives of:

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<sup>1</sup> *The text of Article 14, paragraph 3 incorporates a modification which entered into force on 19 April 1985 in accordance with a Protocol transmitted to Contracting Parties under cover of Depositary Notification C.N.229.1975.TREATIES-8 of 18 September 1975.*

- (a) intergovernmental organizations which are concerned with transport matters;
- (b) international non-governmental organizations whose activities are directly related to the transport of dangerous goods in the territories of the Contracting Parties.

6. Any amendment adopted by more than half the total number of Contracting Parties at a meeting convened in accordance with paragraph 5 of this article shall enter into force for all Contracting Parties in accordance with the procedure agreed at such meeting by the majority of the Contracting Parties attending it.

#### **Article 15**

In addition to the notifications provided for in articles 13 and 14, the Secretary-General of the United Nations shall notify the countries referred to in article 6, paragraph 1, and the countries which have become Contracting Parties under article 6, paragraph 2, of

- (a) signatures, ratifications and accessions in accordance with article 6;
- (b) the dates on which this Agreement and the Annexes thereto enter into force in accordance with article 7;
- (c) denunciations in accordance with article 8;
- (d) the termination of the Agreement in accordance with article 9;
- (e) notifications and denunciations received in accordance with article 10;
- (f) declarations and notifications received in accordance with article 12, paragraphs 1 and 2;
- (g) the acceptance and date of entry into force of amendments in accordance with article 14, paragraphs 3 and 6.

#### **Article 16**

1. The Protocol of Signature of this Agreement shall have the same force, effect and duration as the Agreement itself, of which it shall be considered to be an integral part.

2. No reservation to this Agreement, other than those entered in the Protocol of Signature and those made in accordance with article 12, shall be permitted.

#### **Article 17**

After 15 December 1957, the original of this Agreement shall be deposited with the Secretary-General of the United Nations, who shall transmit certified true copies thereof to each of the countries referred to in article 6, paragraph 1.

**IN WITNESS WHEREOF** the undersigned, being duly authorized thereto, have signed this Agreement.

**DONE** at Geneva, this thirtieth day of September one thousand nine hundred and fifty-seven, in a single copy, in the English and French languages for the text of the Agreement proper, and in the French language for the Annexes, each text being equally authentic for the Agreement proper.

The Secretary-General of the United Nations is requested to prepare an authoritative translation of the Annexes in the English language and attach it to the certified true copies referred to in article 17.

**PROTOCOL OF SIGNATURE**

## **PROTOCOL OF SIGNATURE**

### **TO THE EUROPEAN AGREEMENT ON THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)**

On proceeding to sign the European Agreement on the International Carriage of Dangerous Goods by Road (ADR) the undersigned, duly authorized,

1. **CONSIDERING** that the conditions governing the carriage of dangerous goods by sea to or from the United Kingdom differ basically from those set forth in Annex A to ADR and that it is impossible to modify them so as to conform to the latter in the near future;

**HAVING REGARD** to the undertaking given by the United Kingdom to submit as an amendment to the said Annex A a special appendix containing special provisions for road-sea carriage of dangerous goods between the Continent and the United Kingdom;

**HAVE AGREED** that, until the entry into force of such special appendix, dangerous goods carried under ADR to or from the United Kingdom shall comply with the provisions of Annex A to ADR and also with the United Kingdom conditions for the carriage of dangerous goods by sea;

2. **TAKE NOTE OF** a declaration by the representative of France to the effect that the Government of the French Republic reserves the right, notwithstanding the provisions of article 4, paragraph 2, to refuse to allow vehicles in service on the territory of another Contracting Party, whatever the date on which they were put into service, to be used for the carriage of dangerous goods on French territory unless such vehicles comply either with the conditions laid down for such carriage in Annex B or with the conditions laid down for the carriage of the goods in question in the French regulations governing the carriage of dangerous goods by road;

3. **RECOMMEND** that, before submission in accordance with article 14, paragraph 1, or article 13, paragraph 2, proposed amendments to this Agreement or its Annexes shall as far as possible first be discussed at meetings of experts of the Contracting Parties and, if necessary, of the other countries mentioned in article 6, paragraph 1, of the Agreement and of the international organizations mentioned in article 14, paragraph 5, of the Agreement.