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**Economic Commission for Europe****Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of the RID Committee of Experts and the  
Working Party on the Transport of Dangerous Goods**

Geneva, 17-27 September 2013

Item 4 of the provisional agenda

**Harmonization with the United Nations Recommendations  
on the Transport of Dangerous Goods****Conditions of carriage for UN 3509 packaging discarded,  
empty, uncleaned**Transmitted by the Government of France<sup>1, 2</sup>*Summary*

<b>Executive summary:</b>	The proposal will harmonise the conditions of carriage of UN 3509 amongst RID/ADR/ADN contracting Parties.
<b>Action to be taken:</b>	Amend Chapters 2.1, 3.2, 3.3, 4.1, 5.4 and 7.3.
<b>Related documents:</b>	<b>ST/SG/AC.10/40/Add.1</b> - Amendments to the seventeenth revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations.  Informal document <b>ECE/TRANS/WP.15/AC.1/HAR/2013/3</b> - Proposal of France at the last session of the Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods.  <b>ECE/TRANS/WP.15/AC.1/2013/31</b> - Report of the Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations

<sup>1</sup> In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, programme activity 02.7 (c)).

<sup>2</sup> Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2013/45.

## Introduction

1. During its 42nd session, the Sub-Committee of Experts on the Transport of Dangerous Goods (SCETDG) has introduced a new UN number: UN 3509 PACKAGING DISCARDED, EMPTY, UNCLEANED, assigned to Special Provision 374. This enables each competent authority to define further conditions for the carriage of this UN number.
2. The text adopted by SCETDG cannot be implemented as such in RID/ADR/ADN. Specific conditions of carriage were discussed during the last dedicated working group (Brussels, April 2012) and during the last session of the Ad Hoc Working Group on Harmonization of RID/ADR/ADN with the UN Model Regulations (Geneva April 2013).
3. The report of the Ad Hoc Working Group on Harmonization of RID/ADR/ADN with the UN Model Regulations states:

“28. As requested by the Joint Meeting (ECE/TRANS/WP.15/AC.1/130, paragraph 63) the Ad hoc Working Group considered a proposal prepared by the Government of France on behalf of the informal working group on packaging waste with residues of dangerous goods, that took account of comments made to the representative of France during and after the Joint Meeting session. The proposal was intended to determine appropriate transport conditions under RID/ADR/ADN for the new entry UN No. 3509 PACKAGING, DISCARDED, EMPTY, UNCLEANED.

29. It was agreed that the text resulting from the discussion should be submitted to the Joint Meeting by the representative of France.”
4. This document hereby reproduces the text resulting from this discussion. It is presented by France on behalf of the Ad Hoc Working Group on Harmonization. Some text is still given in square brackets because it was deemed necessary to discuss it further during the plenary session.

## Proposal

5. Add a new 2.1.5:

“2.1.5 Classification of packagings discarded, empty, uncleaned:

Empty uncleaned packagings, large packagings or IBCs, or parts thereof, carried for disposal, recycling or recovery of their material, other than reconditioning, repair, routine maintenance, remanufacturing or reuse, may be assigned to UN 3509 if they meet the requirements of this entry.
6. Add a new entry in the list of entries of 2.2.9.3, in front of M11:

“3509 PACKAGING DISCARDED, EMPTY, UNCLEANED”.
7. In Table A in 3.2.1, add the new entry for UN 3509 (please refer to the table in the Annex to this document).
8. Add special provision XYZ in 3.3.1 as follows:

“XYZ

This entry may only be used for packagings, large packagings or IBCs, or parts thereof, which have contained dangerous goods, other than radioactive material, which are carried for disposal, recycling or recovery of their material, other than

reconditioning, repair, routine maintenance, remanufacturing or reuse, and which have been emptied to the extent that only residues of dangerous goods adhering to the packaging parts are present when they are handed over for carriage.

Scope:

Residues present in the packagings discarded, empty, uncleaned shall only be of dangerous goods of Classes 3, 4.1, 5.1, 6.1, 8 or 9. In addition, they shall not be:

- Substances assigned to packing group I or that have "0" assigned in Column (7a) of Table A of Chapter 3.2, or;
- Substances classified as desensitized explosive substances of Class 3 or 4.1, or;
- Substances classified as self-reactive substances of Class 4.1, or
- Asbestos (UN 2212 and UN 2590), polychlorinated biphenyls (UN 2315 and UN 3432) and polyhalogenated biphenyls or polyhalogenated terphenyls (UN 3151 and UN 3152).

General provisions:

Packagings discarded, empty, uncleaned with residues presenting a risk or a subsidiary risk of Class 5.1 shall not be packed together with other packagings discarded, empty, uncleaned, or loaded together with other packagings discarded, empty, uncleaned in the same bulk container.

[In addition to the provisions of Chapter 5.2, packages containing packagings discarded, empty, uncleaned shall bear all the labels corresponding to the risks or subsidiary risks related to each residue.]

[Where 5.3.1 requires a placarding, all the placards corresponding to the risks and subsidiary risks related to each residue shall also be affixed.]

Documented sorting procedures shall be implemented on the loading site to ensure compliance with the provisions applicable to this entry.

Note: All the other provisions of RID/ADR/ADN apply."

9. Add a new paragraph after the existing text of 4.1.1.11 reading:

"When such packagings are carried to be discarded, they may also be carried under UN 3509."

10. Add a special packing provision RRxy to packing instruction P003 in 4.1.4.1 as follows:

"RRxy

For UN 3509, packagings are not required to meet the requirements of 4.1.1.3.

Packagings meeting the requirements of 6.1.4, made leak tight or fitted with a leak tight and puncture resistant sealed liner or bag, shall be used.

When the only residues contained are solids which are not liable to become liquid at temperatures likely to be encountered during carriage, flexible packagings may be used. When liquid residues are present, rigid packagings that provide a means of retention (e.g. absorbent material) shall be used.

Before being filled and handed over for carriage, every packaging shall be inspected to ensure that it is free from corrosion, contamination or other damages. Any packaging showing signs of reduced strength, shall no longer be used (minor dents and scratches are not considered as reducing the strength of the packaging).

Packagings intended for the carriage of packagings discarded, empty, uncleaned with residues of Class 5.1 shall be so constructed or adapted that the goods cannot come into contact with wood or any other combustible material.”

11. Add a special packing provisions BByz to packing instruction IBC08 in 4.1.4.2 as follows:

“BByz

For UN 3509, IBCs are not required to meet the requirements of 4.1.1.3.

IBCs meeting the requirements of 6.5.5, made leak tight or fitted with a leak tight and puncture resistant sealed liner or bag, shall be used.

When the only residues are solids which are not liable to become liquid at temperatures likely to be encountered during carriage, flexible IBCs may be used.

When liquid residues are present, rigid IBCs that provide a means of retention (e.g. absorbent material) shall be used.

Before being filled and handed over for carriage, every IBC shall be inspected to ensure that it is free from corrosion, contamination or other damages. Any IBC showing signs of reduced strength, shall no longer be used (minor dents and scratches are not considered as reducing the strength of the IBC).

IBCs intended for the carriage of packagings discarded, empty, uncleaned with residues of Class 5.1 shall be so constructed or adapted that the goods cannot come into contact with wood or any other combustible material.”

12. Add a special packing provisions LLxz to packing instruction LP02 in 4.1.4.3 as follows:

“LLxz

For UN 3509, large packagings are not required to meet the requirements of 4.1.1.3.

Large packagings meeting the requirements of 6.6.4, made leak tight or fitted with a leak tight and puncture resistant sealed liner or bag, shall be used.

When the only residues are solids which are not liable to become liquid at temperatures likely to be encountered during carriage, flexible large packagings may be used.

When liquid residues are contained, rigid large packagings that provide a means of retention (e.g. absorbent material) shall be used.

Before being filled and handed over for carriage, every large packaging shall be inspected to ensure that it is free from corrosion, contamination or other damages. Any large packaging showing signs of reduced strength, shall no longer be used (minor dents and scratches are not considered as reducing the strength of the large packaging).

Large packagings intended for the carriage of packagings discarded, empty, uncleaned with residues of Class 5.1 shall be so constructed or adapted that the goods cannot come into contact with wood or any other combustible material.”

13. Add a new 5.4.1.1.19:

“5.4.1.1.19 Special provision for carriage of packaging discarded, empty, uncleaned (UN 3509)

For packagings discarded, empty, uncleaned, the proper shipping name specified in 5.4.1.1.1 (b) shall be complemented with the words “(WITH RESIDUES OF [...])”

followed by the Class(es) and subsidiary risk(s) corresponding to the residues, in the Class numbering order. Moreover, 5.4.1.1.1 (f) does not apply.

Example: Packagings discarded, empty, uncleaned having contained goods of Class 4.1 packed together with packagings discarded, empty, uncleaned having contained goods of Class 3 with a Class 6.1 subsidiary risk should be referred in the transport document as:

“UN 3509 PACKAGINGS DISCARDED, EMPTY, UNCLEARED (WITH RESIDUES OF 3, 4.1, 6.1), 9”.”

14. Add a new 7.3.2.9:

“7.3.2.9 *Goods of Class 9*

7.3.2.9.1 For UN 3509, only closed bulk containers (code BK2) may be used. Bulk containers shall be made leak tight or fitted with a leak tight and puncture resistant sealed liner or bag, and shall have a means of retaining any free liquid that might escape during carriage, e.g. absorbent material. Packagings discarded, empty, uncleaned with residues of Class 5.1 may be carried in bulk containers which have been so constructed or adapted that the goods cannot come into contact with wood or any other combustible material”.

15. In 7.3.3.2.7 add a new AP10:

“AP 10 Wagons/vehicles and containers and vehicles shall be made leak tight or fitted with a leak tight and puncture resistant sealed liner or bag, and shall have a means of retaining any free liquid that might escape during carriage, e.g. absorbent material. Packagings discarded, empty, uncleaned with residues of Class 5.1 shall be carried in vehicles and containers which have been so constructed or adapted that the goods cannot come into contact with wood or any other combustible material.”

**Annex : new entry for UN 3509 in Table A**

UN No.	Name and description	Class	Classification code	Packing group	Labels	Special provisions	Limited and excepted quantities		Packaging			Port. tank & bulk container	
							3.4	3.5.1.2	Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9a)	(9b)	(10)	(11)
3509	PACKAGING DISCARDED, EMPTY, UNCLEANNED	9	M11		[9] [(see also SP XYZ)]	XYZ	0	E0	P003 IBC08 LP02	RRxy BByz LLxz		BK2	

ADR tank		Vehicle for tank carriage	Transport category (Tunnel restriction code)	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6 (8.6)	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
			4 (E)		VC2 AP10			90	3509	PACKAGING DISCARDED, EMPTY, UNCLEANNED