



Economic and Social Council

Distr.: General
5 January 2011

Original: English

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

Bern, 21-25 March 2011

Item 5 (b) of the provisional agenda

Proposals for amendments to RID/ADR/ADN: pending issues

Special provision dealing with the carriage of uncleaned waste packagings

Transmitted by the Government of France^{1, 2}

Summary

Executive summary: Simplification and facilitation of the carriage of uncleaned waste packagings.

Action to be taken: Include a special provision in Chapter 3.3 and add this special provision in Table A for the UN numbers concerned.

Introduction

1. The waste management sector is daily involved with significant quantities of waste composed of damaged or not fit for re-use packagings, large packagings and intermediate bulk containers (IBCs) that are carried to be treated. Those waste packagings cannot be regarded as the “empty uncleaned packagings” the ADR refers to. Furthermore, exemptions related to empty uncleaned packagings do not relate to those wastes. This implies a number of issues concerning the possible means to simplifying the carriage of uncleaned waste packagings while ensuring its safety.

¹ 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)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2011/25.

Background

2. During its session in Mars 2010, the Joint Meeting has decided to dedicate a working group to deal with this issue.
3. During the working group meeting on waste packagings that was held in Bonn on June the 15th and the 16th, 2010, it was decided to assign a new special provision to UN numbers Nos. 3175, 1479, 3243, 3244 and 3077 to address the problem of the carriage of uncleaned waste packagings that have contained certain dangerous substances.
4. Unfortunately an actual proposal could not be submitted on time to be discussed in the Joint Meeting session of September 2010.
5. In order not to lose the benefit of the work that has already been done, France suggests to carry on in the same direction and proposes this special provision. The purpose of this special provision is more to set guiding principles for further discussion than to give the definitive text, hence any suggestion of improvement would be welcome.

Proposal

6. (a) Add a new special provision xxx to chapter 3.3, namely:

"xxx (i) Scope:

UN numbers 3175, 1479, 3243, 3244 and 3077 can be used dor the carriage of waste packagings that are technically empty and uncleaned and that have contained solids or liquids of Classes 3, 4.1, 5.1, 6.1, 8, 9 and that can present residues stuck to their internal or external walls, according to the prescriptions of the special provision hereby.

This provision does not apply to uncleaned waste packagings that have contained substances:

- corresponding to Packing group I,
- with the code LQ0,
- classified as desensitized explosive substances of Class 3 or 4.1,
- classified as self-reactive substances of Class 4.1, or
- which Class is no more recognisable.

Those types of wastes are treated apart from this provision.

(ii) Assignment to a UN number:

Waste carried under the conditions of the special provision hereby are assigned to UN numbers mentioned in (i), with the following classification rules:

- 3175 for waste packagings that have contained substances of Classes 3 or 4.1;
- 1479 for waste packagings that have contained substances of Class 5.1;
- 3243 for waste packagings that have contained substances of Class 6.1;
- 3244 for waste packagings that have contained substances of Class 8;

- 3077 for waste packagings that have contained substances of Class 9.

In the case of the carriage of a mixture of waste packagings having contained substances of different Classes, the UN number is chosen according to Table 1 hereafter:

Table 1

Rules of precedence of hazards in case of a mixture of uncleaned waste packagings

<i>UN Number (Class, Packing group)</i>	<i>UN 3175 (4.1, II)</i>	<i>UN 1479 (5.1, II)</i>	<i>UN 3243 (6.1, II)</i>	<i>UN 3244 (8, II)</i>	<i>UN 3077 (9, III)</i>
UN 3175 (4.1, II)	3175	X	3175	3175	3175
UN 1479 (5.1, II)	X	1479	X	X	X
UN 3243 (6.1, II)	3175	X	3243	3243	3243
UN 3244 (8, II)	3175	X	3243	3244	3244
UN 3077 (9, III)	3175	X	3243	3244	3077

X means that the mixture of the corresponding substances is forbidden.

(iii) Rules of Carriage:

According to 2.1.3.5.5, those uncleaned waste packagings are assigned to the following Packing groups:

- Packing group II for waste packagings having contained substances of Classes 3, 4.1, 5.1, 6.1, 8 or 9;
- Packing group III for waste packagings having contained substances of Class 9.

Uncleaned waste packagings shall be carried:

- in flexible IBCs of Packing group II and types 13H3, 13H4 or 13H5, or in bags of Packing group II and types 5H3 or 5H4, contained in overpacks with rigid side walls and able to resist the solicitations produced while manipulating and carrying the waste;
- in bulk, in sheeted vehicles, closed containers or large sheeted containers, all having rigid side walls and being leakproof or rendered leakproof thanks to an appropriate material that is thick enough and placed inside.

It is allowed to carry those uncleaned waste packagings together with other non-dangerous residues or waste. The operator makes the necessary provisions before loading for preventing dangerous reactions between residues contained in the different uncleaned waste packagings. Waste packagings that have contained substances which could generate dangerous reactions are kept off the loading. It is forbidden to carry oxidising substances or substances with an oxidising subsidiary risk together with substances from another Class of hazard.

(b) In Table A, add in Column (6) special provision xxx for UN numbers 3175, 1479, 3243, 3244 and 3077."

Justification

7. The proposed special provision would make the rules of carriage of uncleaned waste packagings simpler and more precise, while respecting safety requirements, considering the following principles: this provision excludes substances which could generate dangerous reactions, as well as the most dangerous goods (corresponding to Packing group I, with the code LQ0, classified as desensitized explosive substances of Class 3 or 4.1, classified as self-reactive substances of Class 4.1), or goods which entail an unknown risk.

8. In the case of a carriage of a mixture of waste packagings having contained substances form several Classes, the UN number is chosen by analogy to Table of prevalence of hazards of 2.1.3.10.
