

**Economic and Social Council**

Distr.: General
18 December 2023
English
Original: Russian

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, 25–28 March 2024

Item 5 (b) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:
new proposals****Proposal for amendments to 6.8.2.1.27 and 7.5.10**

Transmitted by the Government of the Russian Federation*, **

Summary

Executive summary:	Clarify the relationship of non-plant-based carbon black to UN No. 1361
Action to be taken:	Revise the wording of 6.8.2.1.27 of RID/ADR
Related documents:	-

Introduction

- 6.8.2.1.27 of RID/ADR and 7.5.10 of ADR specify the requirements for UN No. 1361 II carbon black on tank filling.
- EN13094 (5.3.4) contains requirements for tank-vehicles for the carriage of carbon and carbon black under UN No. 1361 II. According to the list of dangerous goods (Table A), it is a prerequisite for classification under UN No. 1361 that the substance should be of animal or vegetable origin. However, the carbon black transported in tanks is produced mainly from hydrocarbon gas. Therefore, carbon black of gaseous origin is classified under UN No. 3190 and, when filling tanks with carbon black belonging to packing group II, the requirements for electrostatic protection may not apply.

* A/78/6 (sect. 20), table 20.5.

** Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2023/5.



Proposal submitted for a vote

3. The first sentence of 6.8.2.1.27 of RID/ADR should read as follows:
“Shells intended for the carriage of liquids having a flash-point of not more than 60 °C or for the carriage of flammable gases, or of UN No.1361 carbon or UN No. 3190 carbon black, packing group II, shall be linked to the chassis by means of at least one good electrical connection.”
4. The first sentence of 7.5.10 of ADR should read as follows:
“In the case of flammable gases, or liquids with a flash-point of 60 °C or below, or UN No. 1361, carbon or UN No. 3190, carbon black, packing group II, a good electrical connection from the chassis of the vehicle, the portable tank or the tank-container to earth shall be established before tanks are filled or emptied.
5. Add the following new special provision to UN No. 1361:
“Carbon black, including that derived from gas or other non-vegetable and non-animal raw materials, that meet the criteria of class 4.2 shall be classified under UN No. 3190.”

Cost

6. None

Enforceability

7. No problems are foreseen with the implementation of the proposals.
-