



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.15/AC.1/2010/36  
8 January 2010

Original: ENGLISH

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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

Bern, 22-26 March 2010

Item 4 of the provisional agenda

**INTERPRETATION OF RID/ADR/ADN**

Classification of synthetic diesel fuel, gasoil and heating oil (light)

Transmitted by the Government of Sweden<sup>1,2</sup>

**Summary**

Executive Summary: Clarification of the scope of UN No. 1202 in class 3 in according to sub-section 2.2.3.1.1, note 2 of RID/ADR/ADN.

Action to be taken: Clarify if synthetic diesel fuel, gasoil and heating oil (light) with a flash-point between 60 °C and 100 °C shall be assigned to class 3, UN No. 1202

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<sup>1</sup> In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, 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/2010/36.

## **Introduction**

1. In Chapter 2.3 in the UN Model Regulations and in Section 2.2.3 in RID/ADR/ADN, it is stated that substances with a flash-point of not more than 60 °C are classified as flammable liquids. However, in sub-section 2.2.3.1.1, Note 2 of RID/ADR/ADN there are further requirements applying for diesel fuel, gasoil, heating oil (light) having a flash-point above 60 °C and not more than 100 °C which state that these shall be classified as substances of Class 3, UN No. 1202.

2. A majority of the traditional diesel fuels produced from petroleum distillate have a flash point that exceeds 60 °C but is below 100 °C and are subject to RID/ADR/ADN by means of Note 2 in 2.2.3.1.1. For many years diesel fuel, gasoil, heating oil (light) has been carried as dangerous goods, UN No. 1202.

3. In recent years a new type of diesel fuel, synthetic fuel, has been introduced on the market as an environmentally friendly diesel fuel. This diesel fuel is often produced through the synthesis of natural gases and is more pure than the petroleum distillate. However its flash-point is still within the interval of 60 -100 °C and it is used as a fuel for diesel engines.

4. The Swedish delegation would like to ask the Joint Meeting if synthetic diesel fuel, gasoil and heating oil (light) with a flash-point between 60 °C and 100 °C shall be assigned to class 3, UN No. 1202.

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