

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods
(Seventy-ninth session, agenda item 4(a),
Geneva, 7-11 November 2005)

PROPOSALS OF AMENDMENTS TO ANNEXES A AND B OF ADR

UN1203, Special Provision 534 and Packing Instruction IBC02

Transmitted by the Government of the United Kingdom

Executive Summary: To advise ADR contracting parties of a potentially dangerous anomaly in respect of UN 1203, SP534 and IBCs.
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Background

UN 1203 Motor Spirit or Gasoline or Petrol is listed in RID / ADR as packing group II with two special provisions, 243 and 534. The latter provision (SP 534) is unique to RID / ADR and identifies that Petrol may have a vapour pressure in excess of 110 kPa but irrespective of the vapour pressure states that Petrol is to be treated as having a vapour pressure at 50 °C of not more than 110 kPa. SP 534 comes from a note in RID / ADR at least as far back as 1985 and was put in we believe to deal with RID / ADR tanks. Subsequently IBCs were added to RID / ADR and in common with UN were specifically limited to substances with a vapour pressure at 50 °C of not more than 110 kPa. However it would appear that the effect of SP 534 may have been overlooked.

The United Kingdom believes that this is a potential safety issue and that petrol with vapour pressures in excess of 110 kPa but classified as UN 1203 could be transported in IBCs despite the operational use limit of 110 kPa as stipulated in IBC Packing Instructions.

The United Kingdom believe that both the potential safety issue and harmonization with UN can be achieved most easily by the introduction of a new Special Packing Provision Specific to RID and ADR and appropriate cross referencing.

Proposal

Against the entry for UN 1203 in 3.2.1 adjacent to the IBC02 entry in column 8 add in column 9a "BBx"

Amend IBC02 in 4.1.4.2 by adding at the end:

Special packing provision specific to RID and ADR:

BBx For UN No.1203, notwithstanding Special Provision 534, IBCs shall only be used for substances covered by this UN number when the actual vapour pressure is not more than 110 kPa at 50°C, or 130 kPa at 55°C.

The United Kingdom intends to submit an equivalent proposal to the RID Committee of Experts meeting.
