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**COMMITTEE OF EXPERTS ON THE TRANSPORT OF  
DANGEROUS GOODS AND ON THE GLOBALLY  
HARMONIZED SYSTEM OF CLASSIFICATION  
AND LABELLING OF CHEMICALS**

**Sub-Committee of Experts on the  
Transport of Dangerous Goods**  
(Nineteenth session, 2-6 July 2001,  
agenda item 7(d))

**LISTING AND CLASSIFICATION**

**Miscellaneous amendments proposals**

**New proper shipping name for Butadiene and Hydrocarbon Mixtures**

**Transmitted by the expert from the United States of America**

1. A mixture of 1,3-butadiene (in concentrations greater than 40%), butane, acetylene, propylene, and 1,2-butadiene is produced as a by product of the process of synthesizing ethylene. This mixture of liquefied petroleum gases is transported to various facilities where the 1,3-butadiene is separated for further use. The mixture has characteristics similar to butadienes transported under UN 1010 in that it requires stabilization to prevent it from polymerising violently when exposed to high temperatures. The proper shipping name (PSN) "Mixtures of 1,3-Butadiene and hydrocarbons, stabilized" is currently included in the ADR for UN 1010 but is not listed as an alternative PSN in the Model Regulations. P200 already accounts for this mixture. The expert from the United States of America believes that an alternative PSN similar to the one used in the ADR should be included in the Model Regulations. The Sub-Committee is requested to allocate a specific proper shipping name for Butadienes and hydrocarbon mixtures.

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**Proposal**

2. To more adequately describe this mixture, the expert from the United States of America proposes to introduce an alternative PSN for the entry UN 1010 as follows:

In column 2 of the Dangerous Goods List add the words “or BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40% butadienes” after “BUTADIENES, STABILIZED”.

Amend P200 by changing the name “BUTADIENES, STABILIZED (mixtures of 1,3-butadiene and hydrocarbons)” to “BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40% butadienes”.

Amend T50 by adding the words “or Butadienes and hydrocarbon mixture, stabilized” after “Butadienes, stabilized” in column 2.

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