



---

**Economic Commission for Europe****Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) (ADN Safety Committee)****Twenty-eighth session**

Geneva, 25-29 January 2016

Item 5 (b) of the provisional agenda

**Proposals for amendments to the Regulations annexed to ADN:  
Other proposals****Note concerning the classification of “floaters”****Transmitted by the Central Commission for the Navigation of the Rhine (CCNR)<sup>1</sup>**

1. The criteria for classifying a substance as a “floater” or a “sinker” are given in 2.2.9.1.10.5 of ADN 2015. Table C contains some entries which have been designated F even though they do not meet those criteria. These include entries in packing group I and with a letter F in the classification code.

2. In classifying substances, the GESAMP principle has been used, whereby the most conservative value will be retained for mixtures with a range of values for the relevant property.

3. The informal working group proposes that, in 3.2.3.1, Explanations concerning Table C, in the explanatory notes for column (20), another note should be added, reading as follows, in order to make it easier to understand these decisions:

“43. It may be that the mixture has been classified as a floater as a precautionary measure, because some of its components meet the relevant criteria.”

4. Consequently it is further proposed that, at the end, respectively, of 3.2.3.3 Flowchart, schemes and criteria for determining applicable special requirements (columns (6) to (20) of Table C), Column (20): Determination of additional requirements and remarks, and of 3.2.4.3 Criteria for assignment of substances, L. Column (20): Determination of additional requirements and remarks, should be added:

---

<sup>1</sup> Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR-ZKR/ADN/WP.15/AC.2/2016/3.



“Remark 43: Reference shall be made in column (20) to remark 43 for all packing group I entries with letter F (flammable) in the classification code indicated in column (3b), and with letter F (floater) in column (5), Dangers.”

5. For the following entries in column (20) of Table C, add “; 43”:

Option 1: ADN as at 2015

1267 PETROLEUM CRUDE OIL WITH MORE THAN 10 % BENZENE  $vp_{50} > 175$  kPa

1267 PETROLEUM CRUDE OIL WITH MORE THAN 10 % BENZENE  $vp_{50} \leq 110$  kPa BOILING POINT  $\leq 60$  °C

1267 PETROLEUM CRUDE OIL WITH MORE THAN 10 % BENZENE  $vp_{50} \leq 110$  kPa BOILING POINT  $\leq 60$  °C

1268 PETROLEUM DISTILLATES, N.O.S. WITH MORE THAN 10 % BENZENE or PETROLEUM PRODUCTS, N.O.S. WITH MORE THAN 10 % BENZENE  $vp_{50} > 175$  kPa

1268 PETROLEUM DISTILLATES, N.O.S. WITH MORE THAN 10 % BENZENE or PETROLEUM PRODUCTS, N.O.S. WITH MORE THAN 10 % BENZENE  $vp_{50} \leq 110$  kPa BOILING POINT  $\leq 60$  °C

1268 PETROLEUM DISTILLATES, N.O.S. WITH MORE THAN 10 % BENZENE or PETROLEUM PRODUCTS, N.O.S. WITH MORE THAN 10 % BENZENE  $vp_{50} \leq 110$  kPa BOILING POINT  $\leq 60$  °C

1863 FUEL, AVIATION, TURBINE ENGINE WITH MORE THAN 10 % BENZENE  $vp_{50} > 175$  kPa

Option 2: post-adoption of ECE/TRANS/WP.15/AC.2/2016/2

1267 PETROLEUM CRUDE OIL WITH MORE THAN 10 % BENZENE

1268 PETROLEUM DISTILLATES, N.O.S. WITH MORE THAN 10 % BENZENE or PETROLEUM PRODUCTS, N.O.S. WITH MORE THAN 10 % BENZENE

1863 FUEL, AVIATION, TURBINE ENGINE WITH MORE THAN 10 % BENZENE

---