

## 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

24 June 2013

### Forty-third session

Geneva, 24 – 28 June 2013

Item 2 (f) of the provisional agenda

**Explosives and related matters: miscellaneous**

## **Comments on INF.32 from AEISG on the Proposal to have the UN Packing Group for UN No 3375 reviewed and possibly changed from PG II to PG III**

**Transmitted by the Expert from Switzerland**

### **Introduction**

1. ANEs (nitrate of ammonia emulsions) should be assigned in principle to the class 1.

For substances of the class 1 the transport regulations prescribe packagings, which fulfills the criteria for the PG II.

By means of the test series 8 it can be determined whether a substance must be classified either as ANE under class 5,1 (UN 3375), or under class 1 (Group 1.5 ) or as „forbidden for the transport “.

That is, with this material it is a material which in principle has explosive characteristics, which can be classified under 5.1 only if it fulfills some specific criteria, which must be confirmed by the test series of 8 and by the competent authority.

The danger of these product is to be estimated differently than those of the nitrates of ammonia of UN-N UN 1942 and UN 2067 (which do not fulfill a priori the class 1 criteria), UN 2426 (subjected under certain conditions even not the regulations) or UN 2071 (not subjected to the regulations).

That is, in principle the nitrates of ammonia mentioned do not even have to be submitted to the examinations for materials of the class 1, since they are not eligible for class 1.

For these the PG III is justified therefore due to less danger.

### **Conclusions**

ANEs would be without appropriate examinations representatives of the class 1.

PG II is therefore fully justified.