



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
MEETING OF THE WORKING GROUP OF THE WHOLE**

**Memphis, 30 April to 4 May 2007**

**Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2009/2010 Edition**

**2.3: Part 3 — Dangerous Goods List and Limited Quantities Exceptions**

**SPECIAL PROVISION A136**

(Presented by David Brennan)

**SUMMARY**

The paper proposes discussion on the merits of the requirements of Special Provision A136 and by extension of Special Provision A20.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 Special Provision A136 applies to UN 1748 — **Calcium hypochlorite, dry**, UN 2208 — **Calcium hypochlorite mixture, dry** and UN 2880 — **Calcium hypochlorite hydrated** and **Calcium hypochlorite hydrated mixture**.

1.2 These oxidizing substances appear to have similar properties to organic peroxides, which are subject to SP A20. They are “liable to exothermic decomposition at elevated temperatures” and “must be shaded from direct sunlight and all sources of heat”.

1.3 However, unlike for SP A20, the statement on the dangerous goods transport document and application of the “Keep Away From Heat” label is not required for substances subject to SP A136.

## 2. ACTION BY THE DGP-WG

2.1 There is no proposal at this time, rather the DGP-WG is invited to consider if there is a real risk in air transport for exothermic decomposition to occur where packages containing UN 1748, UN 2208 or UN 2880 are packed according to the requirements of the Technical Instructions. As part of this discussion the DGP-WG may also like to include into consideration organic peroxides, the requirements of SP A20 and the risk posed by those substances when subject to elevated temperatures.

2.2 If the DGP-WG does believe that such a risk exists and that substances subject to SP A136 should be treated in the same way as those subject to SP A20 then a paper will be prepared for DGP/21 proposing an alignment of the requirements of A136 to those of A20.

2.3 Alternatively, if there is a belief that when contained in packages, substances subject to A136, and potentially A20, do not pose a greater risk in transport when subject to elevated temperatures, then the requirements of A136 and A20 should be removed. Of note is that the UN Model Regulations do not require the equivalent protection for organic peroxides or calcium hypochlorite as that set out in A20 and A136.

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