



WORKING PAPER

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

The Hague, 3 to 7 November 2008

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 2011/2012 Edition

2.8: Part 8 — Provisions Concerning Passengers and Crew

AEROSOLS IN DIVISION 2.1 WITH NO SUBSIDIARY RISK FOR SPORTING OR HOME USE

(Presented by M. Matsui)

SUMMARY

This working paper proposes that aerosols in Division 2.1 with no subsidiary risk, besides presently permitted aerosols in Division 2.2 for sporting or home use, should be permitted to be carried in checked baggage only by passengers or crew.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 In Part 8; 1.1.2 c) and k) of the Technical Instructions, it is stipulated that the provisions of these Instructions do not apply to the following when carried by passengers or crew members or in baggage:

...

- c) non-radioactive medicinal articles (including aerosols). The total net quantity of each single article must not exceed 0.5 kg or 0.5 L. Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.

...

- k) Aerosols in Division 2.2, with no subsidiary risk, for sporting or home use is permitted in checked baggage only. The total net quantity of each single article must

not exceed 0.5 kg or 0.5 L. Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.

1.2 As far as aerosols are concerned, under the above conditions those which belong to medicinal and toilet articles are permitted to be carried by passengers or crew whether they belong to Division 2.1 or Division 2.2. However, when it comes to aerosols for sporting and home use, only aerosols classified as Division 2.2 are permitted to be carried by passengers or crew. In actuality it is quite hard to find such aerosols for sporting or home use filled with Division 2.2 gases on the market; most of them are filled with 2.1 gases, as can be seen in the appendix to this working paper. Therefore, it is suggested that the present provisions concerning aerosols are almost entirely impracticable and not up-to-date. As a matter of fact it happens frequently that it is hard to give a persuasive and convincing explanation of the reason for that to passengers. There is a contradiction, too, for example during the winter season the airlines are intensely selling ski trips, while when boarding aircraft you are not permitted to carry as baggage a ski wax spray, ski wax remover, anti-sunburn spray, water proofing spray or static eliminator spray which are filled with 2.1 gases.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider the following proposals related to aerosols for sporting and home use and to agree with Proposal A:

2.1.1 Proposal A

- k) Aerosols in Division 2.1 or 2.2, with no subsidiary risk, for sporting or home use ~~is~~ are permitted in checked baggage only. The total net quantity of each single article must not exceed 0.5 kg or 0.5 L. Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.

2.1.2 Proposal B

- k) Aerosols in Division 2.1 or 2.2, with no subsidiary risk, for sporting or home use ~~is~~ are permitted in checked baggage only. For aerosols in Division 2.1, the total net quantity of each single article must not exceed 0.5 kg or 0.5 L. Aerosols in Division 2.1 must be limited to a small size of aerosols (not exceeding 80 g of 2.1 gases or 30 mL capacity). Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.

APPENDIX
CLASSIFICATION OF AEROSOLS

No.	Category & Type		Class 2.1	Class 2.2
1	Toilet articles	Hair Spray		
		Antiperspiration & Deodorant		
		Depilatory & Hair Restoration Spray		
		Shaving Foam		
		Anti-sunburn Spray		
2	Medicinal articles	Mustle Rresolution Spray		
		Insect Repellent Spray		
		Germicidal & Disinfectant Spray		
		Skin Treatment Spray		
		Hay Fever Prevention Spray		
3	Home use	Indoor Deodorant & Aromatic Spray	✓	
		Detergent Spray (Carpet, Glass, Bath Room Cleaner)	✓	
		Laundry Spray	✓	
		Crease Removal Spray	✓	
		Static Electricity Prevention Spray	✓	
		Starching Spray	✓	
		Waterproofing Spray	✓	
		Adhesive Spray	✓	
		Rust Preventive Spray	✓	
		Paint Spray	✓	
		Lacquer Spray	✓	

		Anticorrosive & lubricant Spray	✓	
		Pesticide Spray	✓	
		Herbicide Spray	✓	
		Glasses Polisher Spray	✓	
		Anti-sunburn Spray	✓	
		Anti-fog Spray	✓	
		Tire Cleaner Spray	✓	
4	Sporting use	Cooling Spray	✓	
		Creepers Spray	✓	
		Anti-fog Spray	✓	
		Ski Wax Spray	✓	
		Ski Wax Remover Spray	✓	

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