



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
WORKING GROUP MEETING (DGP-WG/20)**

**Montréal, 19 to 23 October 2020**

**Agenda Item 2: Managing air-specific safety risks and identifying anomalies**

**2.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2023-2024 Edition**

**REVISIONS TO PASSENGER PROVISIONS FOR TOILETRY ARTICLES  
CARRIED BY PASSENGERS OR CREW**

(Presented by D. Brennan)

**SUMMARY**

This working paper proposes to reinstate the description of toiletry articles from the 2007-2008 Edition of the Technical Instructions in Part 8;1.1.2.

**Action by the DGP-WG:** The DGP-WG is invited to consider the revisions to description of toiletry articles as shown in the appendix to this working paper.

**1. INTRODUCTION**

1.1 Due to the outbreak of coronavirus disease and the global recommendation of using alcohol-based hand rub to maintain the hand hygiene, passengers and crew members are keen on carrying more hand sanitizers in both their carry-on and checked baggage for use during the trip.

1.2 As recommended by the United States Centers for Disease Control and Prevention, an effective hand sanitizer should contain 60 to 95% of alcohol. The carriage of these hand sanitizers in baggage shall therefore comply with the provisions for dangerous goods carried by passengers or crew.

1.3 In the beginning of the year, many operators and passengers questioned which entry in Table 8-1 can most appropriately describe hand sanitizers. Based on the nature and content of these articles, they shall be described as toiletry articles, which is the entry of “Non-radioactive medicinal articles (including aerosols), toiletry articles (including aerosols) and aerosols in Division 2.2 with no subsidiary hazard.

1.4 This specific entry traditionally permits toiletry articles containing alcohol and does not have any restrictions on the alcohol by volume. However, some regulators shared a different view that

toiletry articles do not permit articles that contain alcohol, and therefore, the most appropriate entry in Table 8-1 for hand sanitizers is “Alcoholic beverages containing more than 24 per cent but not more than 70 per cent alcohol by volume”, requiring passengers and crew members to carry only hand sanitizers with no more than 70% alcohol by volume and no more than 5 L total net quantity of alcohol per person.

1.5 When reviewing the previous editions of the Technical Instructions, it was found that the description of “containing alcohol” was last used in the 2007-2008 Edition, and the examples of hair sprays, perfumes and colognes were last used in the 2017-2018 Edition.

1.5.1 In the 2007-2008 Edition, the equivalent entry reads, “non-radioactive medicinal or toilet articles (including aerosols). Also 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 all such articles carried by each person must not exceed 2 kg or 2 L and the 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. The term ‘medicinal or toilet articles (including aerosols)’ is intended to include such items as hair sprays, perfumes, colognes and medicines containing alcohols.”

1.5.2 From the 2009-2010 Edition to the 2017-2018 Edition, the entry of toiletry articles included “the term ‘toiletry articles (including aerosols)’ is intended to include such items as hair sprays, perfumes and colognes.”

1.6 It is believed that the elimination of the examples as well as the words “containing alcohol” led to the conclusion that the entry of toiletry articles is not the most appropriate for alcohol-based hand sanitizers.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider the revisions to the passenger provisions for toiletry articles as shown in the appendix to this working paper.

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APPENDIX

PROPOSED AMENDMENT TO PART 8 OF THE TECHNICAL INSTRUCTIONS

Part 8

PROVISIONS CONCERNING  
PASSENGERS AND CREW

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Chapter 1

PROVISIONS FOR DANGEROUS GOODS  
CARRIED BY PASSENGERS OR CREW

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Table 8-1. Provisions for dangerous goods carried by passengers or crew

| <i>Dangerous Goods</i>   | <i>Location</i>        |                         | <i>Approval of the operator(s) is required</i> | <i>Restrictions</i>  |
|--|------------------------|-------------------------|--|--|
|  | <i>Checked baggage</i> | <i>Carry-on baggage</i> |  |  |
| ...  |                        |                         |  |  |
| <b>Other dangerous goods</b>   |                        |                         |  |  |
| 17) Non-radioactive medicinal articles (including aerosols), toiletry articles (including aerosols) (e.g. <a href="#">hair sprays</a> , <a href="#">perfumes</a> and <a href="#">medicines containing alcohol</a> ) and aerosols in Division 2.2 with no subsidiary hazard | Yes                    | Yes                     | No   | <ul style="list-style-type: none"> <li>a) no more than 0.5 kg or 0.5 L total net quantity per single article;</li> <li>b) no more than 2 kg or 2 L total net quantity of all articles (e.g. four aerosol cans of 0.5 L each) per person;</li> <li>c) release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents; and</li> <li>d) the release of gas must not cause extreme annoyance or discomfort to crew members so as to prevent the correct performance of assigned duties.</li> </ul> |

— END —