



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/25)**

Delhi, India, 21 to 25 April 2025

- Agenda Item 2: Managing air-specific safety risks and identifying anomalies (REC-A-DGS-2027)**
2.3: Develop proposals, if necessary, for amendments to the *Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284SU)* for incorporation in the 2027-2028 Edition

**RECOMMENDED MAXIMUM NET QUANTITY PER ARTICLE / PACKAGE FOR ARTICLES
CONSIGNED UNDER A2 APPROVALS**

(Presented by E. Gillett)

SUMMARY

This paper discusses the descriptions for recommended quantity limits within Packing Instructions 221, 379, 400, 600, 877 and 973 of the Supplement to the Technical Instructions and proposes to clarify that the recommended limits shown apply to each package or unpackaged article.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 Articles containing dangerous goods which do not have an existing proper shipping name and which contain only dangerous goods permitted under Part 3;4.1.2 of the Technical Instructions, and exceed both the quantity limits for UN 3363 as prescribed in Special Provision A107 and the quantity limits permitted by Special Provision 301 of the UN Model Regulations, must be classified in accordance with paragraphs 6.1 to 6.6 of Part 2;0.6 of the Technical Instructions.

1.2 “Not otherwise specified” proper shipping names for articles containing dangerous goods are provided in Table 3-1 (the Dangerous Goods List) and many of those entries are assigned Special Provision A2. This allows the article concerned to be transported on cargo aircraft only, with the prior approval of the appropriate authority of the State of Origin and the State of the Operator provided that the quantity per package does not exceed the quantity shown in Table S-3-1 and the packing is in accordance with the packing instruction indicated by Table S-3-1.

1.3 It should be noted that Table S-3-1 shows Packing Instruction 378 for UN 3540 –**Articles containing flammable liquid, n.o.s.*** whereas this should be Packing Instruction 379. It is suggested that this be corrected through a corrigendum to the current edition of the Supplement.

1.4 Packing Instructions 221, 379, 400, 600, 877 and 973 are those applicable to articles that may qualify for A2 approvals. Each of these packing instructions contain the text “The following table provides the recommended maximum quantities of individual substances contained in a single article.” This is confusing to read as within the table, the quantity column is labelled “Net quantity per package”.

1.5 Use of the term “maximum quantities of individual substances” is also confusing as it may be incorrectly interpreted that for an unpackaged article the quantity allowance may be applied to two or more individual substances of the same class or division that are contained in a single article.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider the amendments proposed to Packing Instructions 221, 379, 400, 600, 877 and 973 of the Supplement to the Technical Instructions within appendix to this working paper. Two options are offered for consideration.

APPENDIX
PROPOSAL

OPTION 1

Part S-4

PACKING INSTRUCTIONS

(ADDITIONAL INFORMATION
FOR PART 4 OF THE
TECHNICAL INSTRUCTIONS)

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The following table provides the recommended maximum quantities of individual substances contained in a single article.

<i>UN number and name</i>	<i>Recommended Net quantity per package or unpackaged article</i>
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OPTION 2

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The following table provides the recommended maximum quantities of individual substances contained in a single package or unpackaged article.

<i>UN number and name</i>	<i>Net quantity per package</i>
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