



## 危险物品专家组 (DGP)

### 第二十八次会议

2021年11月15日至19日，虚拟会议

- 议程项目2: 管理航空特有的安全风险和查明异常情况 (编号: **REC A DGS 2023**)  
2.2: 如有必要, 拟定对《危险物品安全航空运输技术细则》(Doc 9284号文件)的修订提案, 以便纳入2023-2024年版

#### 4.1项限制数量危险物品的适用范围

(由P. Guo提交)

##### 摘要

限制数量规定适用于符合第3部分4.1.2规定的允许客机和货机运输的4.1项II级和III级包装的物质。虽然UN 2907、UN 2555、UN 2556、UN 2557、UN 3531和UN 3532符合这一标准, 但按照《技术细则》表3-1和联合国规章范本危险货物一览表的规定, 不允许这些物质的限制数量运输。本工作文件建议修改第3部分4.1.2中关于限制数量危险物品的规定, 使之与表3-1中对这些物质的许可内容相一致。

**危险物品专家组的行动:** 请危险物品专家组考虑修订4.1项限制数量危险物品运输的适用范围标准, 如本工作文件附录所示。

## 1. INTRODUCTION

1.1 Part 3;4.1.2 of the Technical Instructions sets out the applicability of dangerous goods in limited quantities:

4.1.2 Only dangerous goods which are permitted on passenger aircraft and which meet the criteria of the following classes, divisions and packing groups (if appropriate) may be carried under these provisions for dangerous goods in limited quantities:

...

Division 4.1	Packing Groups II and III but excluding all self-reactive substances irrespective of packing group
--------------	--

...

1.2 The following Division 4.1, Packing Group II and III substances are permitted for transport on passenger and cargo aircraft but are not permitted to be transported in limited quantities in accordance with Table 3-1:

<i>Name</i>	<i>UN No</i>	<i>Class or division</i>	<i>Subsidiary risk</i>	<i>Special provisions</i>	<i>UN packing group</i>
1	2	3	4	7	8
<b>Isosorbide dinitrate mixture</b> with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate	2907	4.1		A49	II
<b>Nitrocellulose with alcohol</b> , not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass	2556	4.1		A57 A217	II
<b>Nitrocellulose with water</b> , not less than 25% water by mass	2555	4.1		A57 A217	II
<b>Nitrocellulose, mixture without plasticizer, without pigment or Nitrocellulose, mixture without plasticizer, with pigment or Nitrocellulose, mixture with plasticizer, without pigment or Nitrocellulose, mixture with plasticizer, with pigment</b>	2557	4.1		A57 A86 A217	II
<b>Polymerizing substance, solid, stabilized, n.o.s.*</b>	3531	4.1		A209	III
<b>Polymerizing substance, liquid, stabilized, n.o.s.*</b>	3532	4.1		A209	III

1.3 The UN Model Regulations (22<sup>nd</sup> Edition) does not permit the transport of UN 2907, UN 2555, UN 2556, UN 2557, UN 3531, or UN 3532 in limited quantities.

## 2. ACTION BY THE DGP

2.1 The DGP is invited to consider revising the applicability criteria for transporting dangerous goods of Division 4.1 in limited quantities as shown in the appendix to this working paper.

-----

## 附录

### 对《技术细则》第3部分的拟议修订

#### 第4章

#### 限制数量的危险物品

##### 4.1 适用范围

4.1.1 除非下文中另行规定，限制数量的危险物品只能按照本章的限制及规定运输，并须符合本《技术细则》的所有适用要求。

4.1.2 只有那些允许客机运输并符合以下类、项和包装等级(如果适用)标准的危险物品，才可按照限制数量危险物品的规定运输：

.....

4.1项 II级和III级包装，但UN 2907、UN 2555、UN 2556、UN 2557、UN 3531、UN 3532和任何包装等级的自反应物质除外

.....