

# UN/SCETDG/27/INF.29

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## COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

### Sub-Committee of Experts on the Transport of Dangerous Goods

Twenty-seventh session  
Geneva, 4-8 July 2005  
Item 6 of the provisional agenda

#### LISTING, CLASSIFICATION AND PACKING

##### SP 230, Lithium batteries

##### Note by the Secretariat

The secretariat reproduces hereafter a proposal received from the European Portable Battery Association (EPBA) (see also INF.28).

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Avenue Marcel Thiry 204  
1200 Brussels  
Belgium

Tel. : +32 2 774 96 02  
Fax : +32 2 774 96 90  
Email : [EPBA@kelleneurope.com](mailto:EPBA@kelleneurope.com)  
Web: [www.epbaeurope.net](http://www.epbaeurope.net)



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**Olivier Kervella**  
**Chief, Dangerous Goods and Special Cargoes Section**  
**UNECE Transport Division**  
**Bureau 418**  
**Palais des Nations**  
**1211-Geneva 10**  
**Switzerland**

**Brussels, 28 June 2005**

**RE: amendment for discussion under point 6 of the agenda of 27<sup>th</sup> session of sub-committee**

Dear Mr Kervella

With reference to the enclosed document, I transmit you a proposed amendment from the European Portable Battery Association.

This proposed amendment falls under point 6 of the agenda for the 27<sup>th</sup> session of the sub-committee of Experts on the Transport of Dangerous Goods and deals with listing, classification and packing which will take place from 4 – 8 July 2005.

I remain at your disposal for any further clarifications.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Rachel Barlow', is written over a light grey rectangular background.

Rachel Barlow  
Secretary General

**EPBA Amendments to current Special Provisions**  
*Please note that the EPBA amendment is indicated in bold italics*

<b>SP 230</b>	
<p>This entry applies to cells and batteries containing lithium in any form, including lithium polymer and lithium ion cells and batteries. Lithium cells and batteries may be carried under this entry if they meet the following provisions:</p> <p>[...]</p>	<p>This entry applies to cells and batteries containing lithium in any form, including lithium polymer and lithium ion cells and batteries. Lithium cells and batteries may be carried under this entry if they meet the following provisions:</p> <p><b><i>(e) Except when packed with or contained in equipment, each lithium ion rechargeable cell and battery is offered for transport at no more than 50% state of charge and which are at least above 100mAh</i></b></p>
<b>Justification</b>	
<p><i>The state of charge of 50% will be problematic for cells – e.g. button cells and small polymer cells/batteries - up to 100 mWh. Due to the low energy storage capacity, the state of charge is not of relevance for these type of cells. Changing the charging process of these cells in another way would have a significant impact on the cost of these cells. It is therefore proposed to apply the indicated 50% State of Charge for batteries and cells which are at least above 100mAh..</i></p>	