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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-first session, 1-10 July 2002
agenda item 10)

**MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL REGULATIONS
ON THE TRANSPORT OF DANGEROUS GOODS**

Transport of dicumyl peroxide (UN 3110) in IBCs

Transmitted by the expert from the United States of America

Background

1. The UN Model Regulations authorize the transport of Dicumyl Peroxide (organic peroxide type F, solid, UN 3110) in portable tanks (see Portable Tank Instruction T23), subject to a maximum quantity limitation per portable tank of 2,000 kg (see Portable Tank Instruction T23 and the remark in note A12" in 2.5.3.2.4). However, Dicumyl Peroxide is not authorized for transport in intermediate bulk containers (IBCs) unless authorized by the competent authority.

2. The United States of America competent authority has for many years permitted the transport of dicumyl peroxide (organic peroxide type F, UN 3110) in type 31A, 31H1 and 31HA1 IBCs. These packagings have been demonstrated to afford a level of safety comparable to that provided by other types of packagings and portable tanks authorized by the Model Regulation for the transport of this substance. Moreover, it is noted that the IMDG Code currently permits the transport of dicumyl peroxide (UN 3110) in IBCs and in portable tanks. For these reasons, the expert from the United States of America proposes to amend the Model Regulations to authorize the transport of dicumyl peroxide (organic peroxide type F solid, UN 3110) in IBCs.

Proposal

3. It is proposed that the following amendments be made to the Model Regulations:
- (a) In the "List of currently assigned organic peroxides" in 2.5.3.2.4, insert the letter "N" following "OP8, M" in the "Packing Method" column for the entry "DICUMYL PEROXIDE" (concentration > 42 - 100 %); and
- (b) In IBC Packing Instruction IBC 520:
- (i) Add in the appropriate location:

UN No.	Organic peroxide	Type of IBC	Maximum quantity (litres)	Control temperature	Emergency temperature
3110	ORGANIC PEROXIDE, TYPE F, SOLID Dicumyl peroxide	31A 31H1 31HA1			

- (ii) Add under "Additional requirements":
- "3. For Dicumyl peroxide, UN 3110, maximum quantity in any IBC is limited to 2000 kg."
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