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**COMMITTEE OF EXPERTS ON THE TRANSPORT
OF DANGEROUS GOODS**

**Sub-Committee of Experts on the
Transport of Dangerous Goods**
(Eighteenth session, 3-14 July 2000,
agenda item 5 (a))

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

Listing and classification

Proposals for amending ammonium nitrate entries

**Transmitted by the experts from Canada, and the United States of America and
the representative from the European Fertilizer Manufacturers Association**

Background

The Sub-Committee discussed document ST/SG/AC.10/C.3/1999/59 submitted by Canada, United States of America and EFMA and informal documents ST/SG/AC.10/C.3/199/59/Corr.1 and INF.4 EFMA) at its seventeenth session, 6-17 December 1999.

The Sub-Committee agreed in principle to accept all main elements of the proposals and invited the authors to submit proposals on outstanding issues and tidy up text where appropriate (Annex 4 of ST/SG/AC.10/C.3/34).

It was agreed that:

- 1) UN 2067, 2068, 2069 and 2070 should be –consolidated into UN 2067.
- 2) UN 0223 and 2072 should be deleted.
- 3) Special provision BBB as per document INF.4 should be merged with SP CCC and apply to the new (consolidated) UN 2067.

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- 4) Further considerations should be given to the text of SP AAA and descriptive text of UN 0222 taking into account comments expressed at the December 1999 meeting.

Proposal:

The authors, taking into account the comments expressed at the December meeting, propose

- 1) Deletion of UN 0223, UN 2068, UN 2069, UN 2070, UN 2072
- 2) Amendment of UN 1942, 2067 and 2071 to read as shown in Annex 1.
- 3) A new special provision CCC based on the previously proposed Special provisions [BBB] and CCC.
- 4) No change is necessary for the proposed Special provision AAA and the descriptive text for UN 0222.

A revised Special provision 193, AAA and CCC are given in Annex 2.

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Annex 1**Proposed entries**

UN Number	Class	Name and Description	Special Provision
1942	5.1	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance, calculated as carbon to the exclusion of any other added substance.	AAA
2067	5.1	AMMONIUM NITRATE BASED FERTILIZER	186 AAA, CCC
2071	9	AMMONIUM NITRATE BASED FERTILIZER	186 193(revised)

Annex 2

Special provisions

193 (revised) This entry may only be used for uniform ammonium nitrate based fertilizer mixtures of the nitrogen, phosphate or potash type, containing not more than 70% ammonium nitrate and not more than 0.4% total combustible/organic material calculated as carbon or with not more than 45% ammonium nitrate and unrestricted combustible material. Fertilizers within these composition limits are only subject to these Regulations when transported by air or sea and are not subject to these Regulations if shown by a Trough Test (see United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, sub-section 38.2) not to be liable to self-sustaining decomposition.

AAA This entry may only be used for substances that do not exhibit explosive properties of Class 1 when tested in accordance to Test Series 1 and 2 of Class 1 (see United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part I).

CCC This entry may only be used for uniform mixtures containing ammonium nitrate as the main ingredient within the following composition limits:

- (a) not less than 90 % ammonium nitrate with not more than 0.2% total combustible/organic material calculated as carbon and with added matter, if any, which is inorganic and inert towards ammonium nitrate ; or
 - (b) less than 90% but more than 70% ammonium nitrate with other inorganic compatible materials or more than 80% but less than 90% ammonium nitrate mixed with calcium carbonate and/or dolomite and not more than 0.4% total combustible/organic material calculated as carbon
 - (c) Nitrogen type ammonium nitrate based fertilizers containing mixtures of ammonium nitrate and ammonium sulphate with more than 45% but less than 70% ammonium nitrate and not more than 0.4% total combustible/organic material calculated as carbon such that the sum of the percentage compositions of ammonium nitrate and ammonium sulphate exceeds 70%.
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