

Joint Meeting of the RID Safety Committee and the  
Working Party on the Transport of Dangerous Goods  
Party on the Transport of Dangerous Goods

(Bern, 18-22 March 2002)

**CARRIAGE OF AMMONIUM NITRATE BASED FERTILIZERS**

**Submitted by the UNECE Secretariat**

To harmonize with the UN Model regulations, the Joint Meeting adopted in May last year several amendments concerning ammonium nitrate fertilizers (see TRANS/WP.15/AC.1/84/Add.1). There are now only two entries for these substances in the UN Model Regulations as follows:

- UN No. 2067      AMMONIUM NITRATE BASED FERTILIZER in Class 5.1 and the relevant special provisions 306 and 307 in column (6) set the criteria for classification under this entry;
- UN No. 2071      AMMONIUM NITRATE BASED FERTILIZER in Class 9. to which special provision 193 has been assigned as follows:

"193 This entry may only be used for uniform ammonium nitrate based fertilizer mixtures of the nitrogen/phosphate, nitrogen/potash or nitrogen/phosphate/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 not subject to the provisions of ADR if shown by a Trough Test (see *Manual of Tests and Criteria*, Part III, sub-section 38.2) not to be liable to self-sustaining decomposition."

The Joint Meeting adopted these changes, including special provision 193, but did not amend the entry for UN No. 2071, which was not up to now subject to RID/ADR and to which special provision 193 has not been assigned in RID/ADR.

To solve this problem the secretariat proposes the following two alternatives:

Proposal 1:

Amend the name and description for UN No. 2071 in column (2) to read:

"Ammonium nitrate based fertilizer, uniform mixtures of the nitrogen/phosphate, nitrogen/potash or nitrogen/phosphate/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"

In that case such fertilizers would continue to be exempted without any need for testing.

Proposal 2:

Amend the entry for UN No. 2071 as follows:

UN No.	Name and description	Class	Classif Code	Pack. group	Labels	Special prov.	Limited quant.	Packaging			UN Portable tank	
								Packing instructions	Special packing prov.	Mixed packing prov.	Instructions	Special prov.
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2071	AMMONIUM NITRATE BASED FERTILIZER	9	M11	III	9	186 193	LQ12	P002 IBC08 LP02		MP10		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special prov.			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
SGAV		AT	3	VI	VV3			90	2071	AMMONIUM NITRATE BASED FERTILIZER

And include special provision 193 in Chapter 3.3.

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