

**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

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

Substances whose transport is prohibited

Transmitted by the expert from Italy

For some UN entries, modal regulations contain specific provisions, prohibiting the transport of specific compounds and mixtures.

As far as IMDG Code is concerned, such a prohibition is established by assigning to the relevant entries Special Provision 900: in SP 900 a list of substances whose transport is prohibited is given.

With regard to ICAO T.I., specific compounds whose transport is prohibited are mentioned as “FORBIDDEN” in the Dangerous Good List.

In ADR/RID/ADN a specific Special Provision is assigned to the relevant entries, when specific compounds and mixtures are not accepted for carriage.

This situation is particularly relevant for Ammonium salts: the approaches used in the modal regulations are illustrated in the following table:

UN number	Proper Shipping Name	ADR/RID/ADN Special Provision	IMDG Code Special Provision	ICAO T.I.
1450	BROMATES, INORGANIC, N.O.S.	604	900	*
1461	CHLORATES, INORGANIC, N.O.S.	605	900	*
1462	CHLORITES, INORGANIC, N.O.S.	606	900	
1482	PERMANGANATES, INORGANIC, N.O.S.	608	900	* and A37
1791	HYPOCHLORITE SOLUTION	559	900	
1908	CHLORITE SOLUTION	606	900	
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	605	900	*
3212	HYPOCHLORITES, INORGANIC, N.O.S.	559	900	
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	604	900	*
3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	608	900	* and A37

NOTE TO THE TABLE:

for ADR/RID/ADN

- 559 Mixtures of a hypochlorite with an ammonium salt are not to be accepted for carriage. UN No. 1791 hypochlorite solution is a substance of Class 8.
- 604 Ammonium bromate and its aqueous solutions and mixtures of a bromate with an ammonium salt are not to be accepted for carriage.
- 605 Ammonium chlorate and its aqueous solutions and mixtures of a chlorate with an ammonium salt are not to be accepted for carriage.
- 606 Ammonium chlorite and its aqueous solutions and mixtures of a chlorite with an ammonium salt are not to be accepted for carriage.
- 608 Ammonium permanganate and its aqueous solutions and mixtures of a permanganate with an ammonium salt are not to be accepted for carriage.

for IMDG Code

- 900 The transport of the following substances is prohibited:
 - Ammonium bromate
 - Ammonium bromate, solution
 - Ammonium chlorate
 - Ammonium chlorate, solution
 - Ammonium chlorite
 - Ammonium hypochlorite
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for ICAO T.I.

* *means* that Ammonium salts are prohibited in the Dangerous Goods List

A37 This entry is not intended to include Ammonium permanganate, the transport of which is prohibited under any circumstances

Taking care that, in many cases, the prohibition is applicable to all modes of transport, it would be appropriate to reflect such prohibitions also in the UN Recommendations - Model Regulations. If that is accepted, the way of coping with that (with one Special Provision, with several Special Provisions, other way) need to be defined and applied.
