

## ECONOMIC COMMISSION FOR EUROPE

## INLAND TRANSPORT COMMITTEE

Working Party on the Transport  
of Dangerous GoodsJoint Meeting of the RID safety Committee and the  
Working Party on the Transport of Dangerous Goods

(Bern, 24-28 March 2003, agenda item 5)

## PACKING INSTRUCTIONS FOR INORGANIC TOXIC SOLID SUBSTANCES

Transmitted by CEFIC

SUMMARY	
<b>Executive Summary:</b>	Allow the transport in large packagings for a number of inorganic toxic solids, whilst at the same time harmonising packing instructions for the use of IBC's with those for similar substances
<b>Action to be taken:</b>	Add LP02 in column 8 and add/confirm IBC08 in column 8 and B3 in column 9a of Table A for 4 UN entries
<b>Related documents:</b>	None

Introduction

Despite the harmonisation process with the UN Model Regulations there appears to be an inconsistency in the restructured RID/ADR regarding the use of large packagings for the transport of inorganic toxic solids. Industry fails to see why a number of substances have been left out as well as why the packing instructions for the use of IBC's are not aligned with those for similar substances. Industry would therefore welcome comments on the following proposal.

Proposal

- a) Add LP02 in column 8 of Table A for UN 2570 (PG III), UN 3283 (PG III), UN 3284 (PG III) and UN 3285 (PG III)
- b) Replace IBC07 by IBC08 in column 8 of Table A for UN 2570 (PG III) and UN 3283 (PG III) and add B3 in column 9a of Table A for UN 2570 (PG III), UN 3283 (PG III) and UN 3285 (PG III)

### **Justification**

- 1) As shown in the attached table, all similar substances (class 6.1 – classification code T5 – PG III) in ADR/RID 2003 have already been allocated LP02. There is no evidence that these 4 substances should be treated in a different way.
- 2) As can also be observed in the attached table, the UN Model Regulations provide an identical set of packing instructions and special provisions (P002/IBC08/LP02/R001 and B3) for all these substances. Similarly (with the exception of two substances UN 1564 and UN 2291 but this will be addressed at IMO level) also IMDG is following the same route. The adoption of this proposal would therefore result in a further harmonisation amongst the different transport modes.

### **Safety implications**

None.

### **Feasibility**

No problem.

### **Enforceability**

No problem

**Packing instructions and special packing provisions for all substances of Class 6.1 with classification code T5 and PG III**

<b>UN</b>	<b>Name</b>	<b>UN Model Reg</b>	<b>ADR/RID 2003</b>	<b>IMDG Am 31</b>
1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1550	ANTIMONY LACTATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1551	ANTIMONY POTASSIUM TARTRATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1564	BARIUM COMPOUND, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	<b>P002/IBC08/B3</b>
1566	BERYLLIUM COMPOUND, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B2/B4
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1616	LEAD ACETATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1690	SODIUM FLUORIDE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1812	POTASSIUM FLUORIDE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
1884	BARIUM OXIDE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2025	MERCURY COMPOUND, SOLID, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2291	LEAD COMPOUND, SOLUBLE, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	<b>P002/IBC08/B3</b>
2505	AMMONIUM FLUORIDE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2570	CADMIUM COMPOUND	P002/IBC08/LP02/B3	<b>P002/IBC07/R001</b>	P002/IBC08/LP02/B3
2655	POTASSIUM FLUOROSILICATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2674	SODIUM FLUOROSILICATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2853	MAGNESIUM FLUOROSILICATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2854	AMMONIUM FLUOROSILICATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2855	ZINC FLUOROSILICATE	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2856	FLUOROSILICATES, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2862	VANADIUM PENTOXIDE, non-fused form	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
2871	ANTIMONY POWDER	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3
3283	SELENIUM COMPOUND, N.O.S.	P002/IBC08/LP02/B3	<b>P002/IBC07/R001</b>	P002/IBC08/LP02/B3
3284	TELLURIUM COMPOUND, N.O.S.	P002/IBC08/LP02/B3	<b>P002/IBC08/R001/B3</b>	P002/IBC08/LP02/B3
3285	VANADIUM COMPOUND, N.O.S.	P002/IBC08/LP02/B3	<b>P002/IBC08/R001</b>	P002/IBC08/LP02/B3
3288	TOXIC SOLID, INORGANIC, N.O.S.	P002/IBC08/LP02/B3	P002/IBC08/LP02/R001/B3	P002/IBC08/LP02/B3