



**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****Fiftieth session**

Geneva, 28 November-6 December 2016

Item 2 (c) of the provisional agenda

**Recommendations made by the Sub-Committee
on its forty-seventh, forty-eighth and
forty-ninth sessions and pending issues:
listing, classification and packing****Transport of Category A infectious wastes****Transmitted by the experts from the United Kingdom and Canada¹****Introduction**

1. At the forty-ninth session of the Sub-Committee, several proposals were considered on how to deal with the transport of Category A Infectious waste ((ST/SG/AC.10/C.3/2016/9 and informal documents INF.10, INF.52 and INF.75). The Sub-Committee generally agreed that the existing text for Category A material is centred on small samples and was not intended to deal with large volumes of contaminated waste. The papers presented crystallised into two main schools of thought. Some wished to make changes to Chapter 6.3 and packing instruction P620, whilst others favoured developing new text and relating the packaging to Chapter 6.1.

2. A lunchtime working group was able to secure a broad consensus for requirements concerning triple packaging as defined in P620, absorbent material packed with the waste allowing to consider it as a solid and procedures for cleaning or disinfecting the inner packagings before placing them in the outers or intermediate. However, the Group was unable to agree on one solution and delegations were invited to prepare proposals for the next meeting of the Sub-Committee.

¹ In accordance with the programme of work of the Sub-Committee for 2015–2016 approved by the Committee at its seventh session (see ST/SG/AC.10/C.3/92, paragraph 95 and ST/SG/AC.10/42, para. 15).

3. This paper proposes the adoption of a new UN number and a packing instruction and details other consequential changes.

Justification

4. Direct experience of many competent authorities has revealed that many have adopted a similar approach to dealing with this issue using Competent Authority approvals. The UN has precedents in this area with Category B waste having a different UN number and packaging conditions to non-waste Category B material.

5. The additional packing requirements provide an appropriate level of safety for packages that are to be directly consigned to an incinerator or an authorised final disposal facility with minimal handling.”

Proposal

6. Amend 2.6.3.5 to read as follows (new text underlined, old text ~~stricken through~~):

“2.6.3.5.1 Medical or clinical wastes containing Category A infectious substances shall be assigned to UN 2814 or UN 2900 as appropriate. ~~UN XXXX.~~”

Amend table A of Chapter 3.2 as follows: UN3291 add Category B to the proper shipping name, delete the packing group in column 5 (packing groups not assigned to class 6.2 see 2.0.1.3) and create a new entry for Category A waste material;

UN No.	Name and description	Class or division	Subsidiary risk	UN packing group	Special provisions	Limited and excepted quantities		Packagings and IBCs		Portable tanks and bulk containers	
						(7a)	(7b)	Packing instruction	Special packing provisions	Instructions	Special provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
-	<u>3.1.2</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0.1.3</u>	<u>3.3</u>	<u>3.4</u>	<u>3.5</u>	<u>4.1.4</u>	<u>4.1.4</u>	<u>4.2.5 / 4.3.2</u>	<u>4.2.5</u>
3291	CLINICAL WASTE CATEGORY B, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE CATEGORY B, N.O.S. or REGULATED MEDICAL WASTE CATEGORY B, N.O.S	6.2		-		0	E0	P621 IBC620 LP621		BK2	
xxxx	CLINICAL WASTE CATEGORY A, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE CATEGORY A, N.O.S. or REGULATED MEDICAL WASTE CATEGORY A, N.O.S	6.2		-		0	E0	Pxxx LPxxx	PPxx LPxx		

Amend Appendix A (List of Generic or n.o.s. proper shipping names). For 3291 amend entry to read as presented in Table A example above. Add at the end in the Division 6.2 Specific entries section the new number xxxx and the text for Category A as in the example above; and

Amend the index in 3 places to add CATEGORY B to existing UN3291 proper shipping names. Add in 3 places The CATEGORY A proper shipping names as in Table A example above.

P62X	PACKING INSTRUCTION		P62X
This instruction applies to UN No. xxxx			
The following packagings are authorized provided that the general provisions of 4.1.1 and 4.1.3 are met:			
Inner packagings	Intermediate packagings	Outer packagings	
glass metal plastics	metal plastics	Boxes steel (4A) aluminium (4B) other metal (4N) plastics, solid (4H2) Drums steel (1A2) aluminium (1B2) other metal (1N2) plastics (1H2) Jerricans steel (3A2) aluminium (3B2) plastics (3H2)	
Packagings shall conform to the packing group I performance level for solids			
Additional requirements: Glass inner packagings shall be contained in rigid intermediate packagings only. Inner packagings containing sharp objects such as broken glass and needles shall be resistant to puncture and capable of retaining liquids. The inner packaging and the intermediate packaging shall be capable of retaining liquids. After filling and closing each layer, the packaging shall be externally disinfected. Inner packaging and the intermediate packaging may be flexible. When flexible packagings are used, they shall be UN type plastic bags meeting the requirements of 4.3.2.4.2 (c). Each flexible intermediate packaging shall contain only one inner packaging. Inner packagings containing a small amount of free liquid may be included in intermediate packages providing that there is sufficient absorbent material in the intermediate to absorb all the liquid content present and the outer packaging is capable of retaining liquids.			
Special packing provision: PPxx This packaging may only be used when it is directly consigned to an incinerator or an authorised final disposal facility. Other consignments using this packaging will require Competent Authority approval.			

LP62X	PACKING INSTRUCTION		LP62X
This instruction applies to UN No. xxxx			
The following large packagings are authorized provided that the general provisions of 4.1.1 and 4.1.3 are met:			
Inner packagings	Intermediate packagings	Outer Packagings	
glass metal plastics	metal plastics	steel (50A) aluminium (50B) other metal (50N) rigid plastics, (50H)	
Packagings shall conform to the packing group I performance level for solids			
<p>Additional requirements:</p> <p>Glass inner packagings shall be contained in rigid intermediate packagings only.</p> <p>Inner packagings containing sharp objects such as broken glass and needles shall be resistant to puncture and be able to retain liquids.</p> <p>The inner packaging and the intermediate packaging shall be capable of retaining liquids.</p> <p>Each intermediate packaging shall contain only one inner packaging.</p> <p>After filling and closing each layer, the packaging shall be externally disinfected.</p> <p>Outer packagings shall not be re-used until they have been disinfected.</p> <p>Inner packaging and the intermediate packaging may be flexible.</p> <p>Each flexible intermediate packaging shall contain only one inner packaging.</p> <p>When flexible packagings are used, they shall be UN type plastic bags meeting the requirements of 4.3.2.4.2 (c).</p> <p>Inner packagings containing small amount of free liquid may be included in intermediate packages providing that there is sufficient absorbent material in the intermediate to absorb all the liquid content present and the large packaging is capable of retaining liquids.</p> <p>Compression of intermediate packagings in the outer packaging is only permitted when done in accordance with the techniques employed in the design type test as shown in the test report.</p>			
<p>Special packing provision:</p> <p>LPxx This packaging may only be used when it is directly consigned to an incinerator or an authorised final disposal facility. Other consignments using this packaging will require Competent Authority approval.</p>			