



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
MEETING OF THE WORKING GROUP OF THE WHOLE**

Montréal, 15 to 19 October 2012

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2015-2016 Edition

2.3: Part 3 — Dangerous Goods List, Special Provisions and Limited and Excepted Quantities

DANGEROUS GOODS NOT LISTED IN TABLE 3-1

(Presented by G A Leach)

SUMMARY

This paper proposes to add a number of items to Table 3-1 which although assigned UN numbers and listed in the UN Model Regulations are not currently listed in the Technical Instructions.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 There are a number of items of dangerous goods which, although assigned UN numbers and listed in the UN Model Regulations, are not currently listed in Table 3-1. It is believed this is because, given the nature these items, there would never be a need to transport them by air. However, for one item, UN 1327 **Hay, Straw or Bhusa**, enquires were recently received in the United Kingdom by an operator wishing to transport large quantities for feeding race horses and the wording of the applicable special provision (281, see below) of the UN Model Regulations suggests that carriage by air may be subject to special authorization, but there is no corresponding requirement in the Technical Instructions. A request was also received concerning the carriage of another omitted item, UN 1374 **Fish meal**. The omission of these items has also caused confusion as it is sometimes not clear whether, by not being listed, an item is not restricted or forbidden for carriage.

2. **ACTION BY THE DGP-WG**

2.1 The DGP-WG is invited to consider whether the entries in the appendix of this working paper should be added to Table 3-1 of the Technical Instructions with associated text as required. Depending on the result of the discussion a new paper will be produced for DGP-WG/13.

APPENDIX

LIST OF UN NUMBERS IN THE UN MODEL REGULATIONS

UN Number	Proper Shipping Name	Class/ Division	UN Special Provision	Comments
UN 1327	Hay, Straw or Bhusa	4.1	Assigned UN Special Provision 281 which states: “The transport by sea of hay, straw or bhusa, wet, damp or contaminated with oil shall be prohibited. Transport by other modes is also prohibited except with special authorization by the competent authorities. Hay, straw and bhusa, when not wet, damp or contaminated with oil, are subject to these regulations only when transported by sea”	<i>This would appear to provide for carriage by air, although it is not clear what “special authorization” means.</i>
UN 1372	Fibres, animal or Fibres, vegetable	4.2	Assigned UN Special Provision 117 which states: “Subject to these regulations only when transported by sea.”	<i>Why is this item only regulated when transported by sea?</i>
UN 1374	Fish meal, unstabilized or Fish scrap, unstabilized	4.2	Assigned UN Special Provision 300 which states: “Fish meal or fish scrap shall not be transported if the temperature at the time of loading exceeds 35°C or 5 °C above the ambient temperature whichever is higher.”	<i>The UN text presumably relates to the temperature of the fish meal, although it is not clear. Also, it is not clear why there is an option of 5 °C above the ambient temperature whichever is higher” as this would appear to allow, say, the fish meal to be at 45 °C providing the ambient temperature does not exceed 49 °C – should “higher” in fact be “lower”? In any event there does not appear to be an explicit prohibition on carriage by air.</i>

UN Number	Proper Shipping Name	Class/ Division	UN Special Provision	Comments
UN 1387	Wool waste, wet	4.2	Assigned UN Special Provision 117 which states: “Subject to these regulations only when transported by sea.”	<i>Why is this item only regulated when transported by sea?</i>
UN 1856	Rags, oily	4.2	Assigned UN Special Provision 29 which states: “This substance is exempt from labelling, but shall be marked with the appropriate class or division.” and UN Special Provision 117 which states: “Subject to these regulations only when transported by sea.”	<i>Why is this item only regulated when transported by sea and why are labels not required?</i>
UN 1857	Textile waste, wet	4.2	Assigned UN Special Provision 117 which states: “Subject to these regulations only when transported by sea.”	<i>Why is this item only regulated when transported by sea?</i>

UN Number	Proper Shipping Name	Class/ Division	UN Special Provision	Comments
UN 2216	Fish meal, stabilized or Fish scrap, stabilized	9	<p>Assigned UN Special Provision 29 which states:</p> <p>“This substance is exempt from labelling, but shall be marked with the appropriate class or division.”</p> <p>and UN Special Provision 117 which states:</p> <p>“Subject to these regulations only when transported by sea.”</p> <p>and UN Special Provision 300 which states:</p> <p>“Fish meal or fish scrap shall not be transported if the temperature at the time of loading exceeds 35°C or 5 °C above the ambient temperature whichever is higher.”</p> <p>See comments for “fish meal, unstabilized”.</p> <p>“Fish scrap or fish meal shall contain at least 100 ppm of antioxidant (ethoxyquin) at the time of consignment.</p>	<i>Why is this item only regulated when transported by sea and why are labels not required?</i>
UN 3359	Fumigated cargo transport unit	9	<p>Assigned UN Special Provision 302 which states:</p> <p>“Fumigated cargo transport units containing no other dangerous goods are only subject to the provisions of 5.5.2.”</p>	<i>Although unlikely are these items permitted for carriage by air? If so the text at 5.5.2 of the UN Model Regulations should be reflected in the Technical Instructions, but additional requirements may be considered necessary for the air mode.</i>

UN Number	Proper Shipping Name	Class/ Division	UN Special Provision	Comments
UN 3360	Fibres, vegetable, dry	4.1	<p>Assigned UN Special Provision 29 which states:</p> <p>“This substance is exempt from labelling, but shall be marked with the appropriate class or division.”</p> <p>Assigned UN Special Provision 117 which states:</p> <p>“Subject to these regulations only when transported by sea.”</p> <p>Assigned UN Special Provision 299 which states:</p> <p>Consignments of COTTON, DRY having a density not less than 360 kg/m³ according to ISO 8115:1986 “Cotton bales – Dimensions and density” are not subject to these regulations when transported in closed cargo transport units.”</p>	<p><i>Why is this item only regulated when transported by sea and why are labels not required?</i></p>
UN 3497	Krill meal	4.2	<p>Assigned UN Special Provision 300 which states:</p> <p>“Fish meal or fish scrap shall not be transported if the temperature at the time of loading exceeds 35°C or 5 °C above the ambient temperature whichever is higher.”</p>	<p><i>There would appear to be no reason why this could not be transported by air. See comments for “fish meal unstabilized”.</i></p>