

# UN/SCETDG/64/INF.68/Rev.1

## 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

1 July 2024

Sixty-fourth session

Geneva, 24 June-3 July 2024

Item 3 of the provisional agenda

Listing, classification and packing

### Editorial amendments to 2.6.3.2.2

#### Note by the secretariat

#### I. Introduction

1. Following the adoption of informal document INF.58/Rev.1, which amends 2.6.3.2.2.1 of the *Model Regulations*, the secretariat would like to take the opportunity to propose some editorial amendments to enhance the readability of paragraphs 2.6.3.2.2, 2.6.3.2.2.1 and 2.6.3.2.2.2.

2. This proposal takes as its base text, the text as amended by informal document INF.58/Rev.1.

#### II. Summary of proposed changes

3. We propose to amend the text as follows:

- Amend 2.6.3.2.2 so that it reads as a full sentence.
- Make the phrase "Category A" the heading of 2.6.3.2.2.1 and the phrase "Category B" the heading of 2.6.3.2.2.2. The rest of those paragraphs become the first paragraphs under the respective headings, with editorial changes to make them full sentences.
- Convert sub-paragraphs (a) and (b) in 2.6.3.2.2.1 into normal paragraphs (without "(a)" and "(b)").
- Move all the notes in 2.6.3.2.2.1 at the end of the paragraph (before the table) and renumber them as notes 1 to 3.
- Remove the reference to 2.6.3.2.2.1 (a) from the title of the table.

#### III. Resulting text (track)

2.6.3.2.2 Infectious substances are divided into ~~the following~~ categories A and B:

2.6.3.2.2.1 ~~Category A~~:

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~~\_\_\_\_\_~~ An infectious substance which is transported in a form that, when exposure to it occurs, is capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals is assigned to Category A. Indicative examples of substances that meet these criteria are given in the table in this paragraph.

~~**NOTE:** \_\_\_\_\_ An exposure occurs when an infectious substance is released outside of the protective packaging, resulting in physical contact with humans or animals.~~

(a) Infectious substances meeting these criteria which cause disease in humans or both in humans and animals shall be assigned to UN 2814. Infectious substances which cause disease only in animals shall be assigned to UN 2900.

(b) Assignment to UN Nos. 2814 or 2900 shall be based on the known medical history and symptoms of the source human or animal, endemic local conditions, or professional judgement concerning individual circumstances of the source human or animal.

~~**NOTE 1:** \_\_\_\_\_ The proper shipping name for UN 2814 is *INFECTIOUS SUBSTANCE, AFFECTING HUMANS*. The proper shipping name for UN 2900 is *INFECTIOUS SUBSTANCE, AFFECTING ANIMALS* only.~~

The following table is not exhaustive. Infectious substances, including new or emerging pathogens, which do not appear in the table but which meet the same criteria shall be assigned to Category A. In addition, if there is doubt as to whether or not a substance meets the criteria it shall be included in Category A. To address emerging health situations, more up-to-date information on the applicable categories can be obtained from human and animal health inter-governmental organizations and national authorities.

~~**NOTE 1:** \_\_\_\_\_ An exposure occurs when an infectious substance is released outside of the protective packaging, resulting in physical contact with humans or animals.~~

~~**NOTE 2:** \_\_\_\_\_ The proper shipping name for UN 2814 is *INFECTIOUS SUBSTANCE, AFFECTING HUMANS*. The proper shipping name for UN 2900 is *INFECTIOUS SUBSTANCE, AFFECTING ANIMALS* only.~~

**NOTE 3:** ~~In the following table, *The microorganisms written in italics in the following table* are bacteria or fungi.~~

**Indicative examples of infectious substances included in Category A in any form unless otherwise indicated**

~~(2.6.3.2.2.1 (a))~~

UN Number and Proper Shipping Name	Microorganism
UN 2814 Infectious substances affecting humans	<i>Bacillus anthracis</i> (cultures only) <i>Brucella abortus</i> (cultures only) <i>Brucella melitensis</i> (cultures only) <i>Brucella suis</i> (cultures only) <i>Burkholderia mallei</i> - <i>Pseudomonas mallei</i> – Glanders (cultures only) <i>Burkholderia pseudomallei</i> – <i>Pseudomonas pseudomallei</i> (cultures only) <i>Chlamydia psittaci</i> - avian strains (cultures only) <i>Clostridium botulinum</i> (cultures only) <i>Coccidioides immitis</i> (cultures only) <i>Coxiella burnetii</i> (cultures only) Crimean-Congo haemorrhagic fever virus Dengue virus (cultures only) Eastern equine encephalitis virus (cultures only) <i>Escherichia coli</i> , verotoxigenic (cultures only) Ebola virus Flexal virus <i>Francisella tularensis</i> (cultures only) Guanarito virus Hantaan virus Hantaviruses causing haemorrhagic fever with renal syndrome

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Indicative examples of infectious substances included in Category A in any form unless otherwise indicated (2.6.3.2.2.1(a))	
UN Number and Proper Shipping Name	Microorganism
	Hendra virus Hepatitis B virus (cultures only) Herpes B virus (cultures only) Human immunodeficiency virus (cultures only) Highly pathogenic avian influenza virus (cultures only) Japanese Encephalitis virus (cultures only) Junin virus Kyasanur Forest disease virus Lassa virus Machupo virus Marburg virus Monkeypox virus (cultures only) <i>Mycobacterium tuberculosis</i> (cultures only) Nipah virus Omsk haemorrhagic fever virus Poliovirus (cultures only) Rabies virus (cultures only) <i>Rickettsia prowazekii</i> (cultures only) <i>Rickettsia rickettsii</i> (cultures only) Rift Valley fever virus (cultures only) Russian spring-summer encephalitis virus (cultures only) Sabia virus <i>Shigella dysenteriae</i> type 1 (cultures only) Tick-borne encephalitis virus (cultures only) Variola virus Venezuelan equine encephalitis virus (cultures only) West Nile virus (cultures only) Yellow fever virus (cultures only) <i>Yersinia pestis</i> (cultures only)
UN 2900 Infectious substances affecting animals only	African swine fever virus (cultures only) Avian paramyxovirus Type 1 - Velogenic Newcastle disease virus (cultures only) Classical swine fever virus (cultures only) Foot and mouth disease virus (cultures only) Lumpy skin disease virus (cultures only) <i>Mycoplasma mycoides</i> - Contagious bovine pleuropneumonia (cultures only) Peste des petits ruminants virus (cultures only) Rinderpest virus (cultures only) Sheep-pox virus (cultures only) Goatpox virus (cultures only) Swine vesicular disease virus (cultures only) Vesicular stomatitis virus (cultures only)

## 2.6.3.2.2.2 Category B:

An infectious substance which does not meet the criteria for inclusion in Category A is assigned to Category

**B.** Infectious substances in Category B shall be assigned to UN 3373.

**NOTE:** The proper shipping name of UN 3373 is "BIOLOGICAL SUBSTANCE, CATEGORY B".

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#### IV. Resulting text (clean)

2.6.3.2.2 Infectious substances are divided into categories A and B.

2.6.3.2.2.1 Category A

An infectious substance which is transported in a form that, when exposure to it occurs, is capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals is assigned to Category A. Indicative examples of substances that meet these criteria are given in the table in this paragraph.

Infectious substances meeting these criteria which cause disease in humans or both in humans and animals shall be assigned to UN 2814. Infectious substances which cause disease only in animals shall be assigned to UN 2900.

Assignment to UN Nos. 2814 or 2900 shall be based on the known medical history and symptoms of the source human or animal, endemic local conditions, or professional judgement concerning individual circumstances of the source human or animal.

The following table is not exhaustive. Infectious substances, including new or emerging pathogens, which do not appear in the table but which meet the same criteria shall be assigned to Category A. In addition, if there is doubt as to whether or not a substance meets the criteria it shall be included in Category A. To address emerging health situations, more up-to-date information on the applicable categories can be obtained from human and animal health inter-governmental organizations and national authorities.

**NOTE 1:** *An exposure occurs when an infectious substance is released outside of the protective packaging, resulting in physical contact with humans or animals.*

**NOTE 2:** *The proper shipping name for UN 2814 is INFECTIOUS SUBSTANCE, AFFECTING HUMANS. The proper shipping name for UN 2900 is INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only.*

**NOTE 3:** *The microorganisms written in italics in the following table are bacteria or fungi.*

Indicative examples of infectious substances included in Category A in any form unless otherwise indicated	
UN Number and Proper Shipping Name	Microorganism
UN 2814 Infectious substances affecting humans	<i>Bacillus anthracis</i> (cultures only) <i>Brucella abortus</i> (cultures only) <i>Brucella melitensis</i> (cultures only) <i>Brucella suis</i> (cultures only) <i>Burkholderia mallei</i> - <i>Pseudomonas mallei</i> – Glanders (cultures only) <i>Burkholderia pseudomallei</i> – <i>Pseudomonas pseudomallei</i> (cultures only) <i>Chlamydia psittaci</i> - avian strains (cultures only) <i>Clostridium botulinum</i> (cultures only) <i>Coccidioides immitis</i> (cultures only) <i>Coxiella burnetii</i> (cultures only) Crimean-Congo haemorrhagic fever virus Dengue virus (cultures only) Eastern equine encephalitis virus (cultures only) <i>Escherichia coli</i> , verotoxigenic (cultures only) Ebola virus Flexal virus <i>Francisella tularensis</i> (cultures only) Guanarito virus Hantaan virus

Indicative examples of infectious substances included in Category A in any form unless otherwise indicated	
UN Number and Proper Shipping Name	Microorganism
	Hantaviruses causing haemorrhagic fever with renal syndrome Hendra virus Hepatitis B virus (cultures only) Herpes B virus (cultures only) Human immunodeficiency virus (cultures only) Highly pathogenic avian influenza virus (cultures only) Japanese Encephalitis virus (cultures only) Junin virus Kyasanur Forest disease virus Lassa virus Machupo virus Marburg virus Monkeypox virus (cultures only) <i>Mycobacterium tuberculosis</i> (cultures only) Nipah virus Omsk haemorrhagic fever virus Poliovirus (cultures only) Rabies virus (cultures only) <i>Rickettsia prowazekii</i> (cultures only) <i>Rickettsia rickettsii</i> (cultures only) Rift Valley fever virus (cultures only) Russian spring-summer encephalitis virus (cultures only) Sabia virus <i>Shigella dysenteriae</i> type 1 (cultures only) Tick-borne encephalitis virus (cultures only) Variola virus Venezuelan equine encephalitis virus (cultures only) West Nile virus (cultures only) Yellow fever virus (cultures only) <i>Yersinia pestis</i> (cultures only)
<b>UN 2900</b> Infectious substances affecting animals only	African swine fever virus (cultures only) Avian paramyxovirus Type 1 - Velogenic Newcastle disease virus (cultures only) Classical swine fever virus (cultures only) Foot and mouth disease virus (cultures only) Lumpy skin disease virus (cultures only) <i>Mycoplasma mycoides</i> - Contagious bovine pleuropneumonia (cultures only) Peste des petits ruminants virus (cultures only) Rinderpest virus (cultures only) Sheep-pox virus (cultures only) Goatpox virus (cultures only) Swine vesicular disease virus (cultures only) Vesicular stomatitis virus (cultures only)

## 2.6.3.2.2.2 Category B

An infectious substance which does not meet the criteria for inclusion in Category A is assigned to Category B. Infectious substances in Category B shall be assigned to UN 3373.

**NOTE:** The proper shipping name of UN 3373 is "BIOLOGICAL SUBSTANCE, CATEGORY B".