Volume 1

PART 2 – CLASSIFICATION

Chapter 2.0 Introduction

2.0.5 Transport of wastes

2.0.5.4 Classification of wastes

In 2.0.5.4.6, insert “with the addition of the word WASTE” after UN 3077.

Chapter 2.5 Class 5 – Oxidizing substances and organic peroxides

2.5.3 Class 5.2 – Organic peroxides

2.5.3.2 Classification of organic peroxides

2.5.3.2.4 List of currently assigned organic peroxides in packagings

In 2.5.3.2.4 in the table for entry UN 3106, replace “([3R-3R,5aS,6S,8aS,9R,10R,12S,12aR**])-DECAHYDRO-10-METHOXY-3,6,9-TRIMETHYL-3,12-EPOXY-12H-PYRANO[4,3-j]-1,2-BENZODIOXEPIN)” with “([3R-(3R,5aS,6S,8aS,9R,10R,12S,12aR**])-DECAHYDRO-10-METHOXY-3,6,9-TRIMETHYL-3,12-EPOXY-12H-PYRANO[4,3-j]-1,2-BENZODIOXEPIN)”.

Chapter 2.6 Class 6 – Toxic and infectious substances

2.6.3 Class 6.2 – Infectious substances

2.6.3.2 Classification of infectious substances

In 2.6.3.2.3.7, replace “6.6.5” with “6.6.4”.

Chapter 2.9 Miscellaneous dangerous substances and articles (class 9) and environmentally hazardous substances

In 2.9.3.2.6b, replace “BOD5/COD” with “BOD5/COD”.

PART 4 – PACKING AND TANK PROVISIONS

Chapter 4.1 Use of packagings, including intermediate bulk containers (IBCs) and large packagings

4.1.4 List of packing instructions

In P903 (4), delete “When active, these devices shall meet defined standards for electromagnetic radiation to ensure that the operation of the device does not interfere with aircraft systems.”.
Chapter 4.2 Use of portable tanks and multiple-element gas containers (MEGCs)

4.2.3 General provisions for the use of portable tanks for the transport of refrigerated liquefied gases of class 2

In 4.2.3.2, replace “columns 12 and 14” with “column 14”.

4.2.5 Portable tank instructions and special provisions

4.2.5.2 Portable tank instructions

4.2.5.2.6 Portable tank instructions

In T50 in the heading of the table, replace “Maximum filling density (kg/L)” with “Filling ratio (kg/L)”.

PART 5 – CONSIGNMENT PROCEDURES

Chapter 5.2 Marking and labelling of packages including IBCs

5.2.1 Marking of packages including IBCs

5.2.1.6 Special marking provisions for marine pollutants

In 5.2.1.6.1, replace “environmentally hazardous substance mark” with “marine pollutant mark”.

In 5.2.1.6.3, at the end in the Note, replace “environmentally hazardous substance mark” with “marine pollutant mark”.

Chapter 5.3 Placarding and marking of cargo transport units

5.3.2 Marking of cargo transport units

In 5.3.2.0.1.1, replace “tank transport units” with “tank cargo transport units”.

Chapter 5.4 Documentation

5.4.3 Documentation required aboard the ship

In 5.4.3.1, the footnote reference in the paragraph “* FAL.2/Circ.52/Rev.1 may be used for this purpose” is replaced with “Resolution FAL. 10(35), adopted on 16 January 2009, amendments to the annex to the convention on facilitation of international maritime traffic, 1965”.

PART 7 – PROVISIONS CONCERNING TRANSPORT OPERATIONS

Chapter 7.2 General segregation provisions

In 7.2 annex, examples in d.3, replace “UN 1333” with “UN 1133”.

Chapter 7.3 Consigning operations concerning the packing and use of cargo transport units (CTUs) and related provisions

7.3.3 Packing of cargo transport units

After the existing 7.3.3.2, insert “7.3.3.3 (reserved)”.

7.3.7 Cargo transport units under temperature control

7.3.7.2 General provisions

In the footnote for 7.3.7.2.1, replace “the latest version of the United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria” with “the Manual of Tests and Criteria”.

Chapter 7.4  Stowage and segregation on containerships

7.4.3  Segregation requirements

7.4.3.2  Table of segregation of containers on board containerships with closed cargo holds

In the table in 7.4.3.2, in the column for “closed versus closed, under deck”, insert footnote reference *** to the end of the box for “One bulkhead and minimum horizontal distance of 24 m”.

Volume 2

PART 3 – DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND EXCEPTIONS

Chapter 3.2  Dangerous Goods List

3.2.1  Structure of the Dangerous Goods List

In the text for column 14, in the last lines, replace “specified in both columns 12 and 13” with “specified in column 13”.

Dangerous Goods List

In the Dangerous Goods List, amend the following entries as indicated:

<table>
<thead>
<tr>
<th>UN No.</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0005*</td>
<td>The first existing row in the dangerous goods list as for “0005” column (1) is amended as “0004”</td>
</tr>
<tr>
<td>1386</td>
<td>In column (16), replace “7.6.2.7.2” with “7.6.2.7.3” (twice)</td>
</tr>
<tr>
<td>2794</td>
<td>In column (16), delete “Separated from” acids.</td>
</tr>
<tr>
<td>2795</td>
<td>In column (16), add “Separated from” acids.</td>
</tr>
<tr>
<td>3378 (Packing Group II only)</td>
<td>In column (6), delete “967”</td>
</tr>
</tbody>
</table>

Chapter 3.4  Dangerous goods packed in limited quantities

3.4.4  Segregation

The existing 3.4.4.2 is replaced with the following:

“3.4.4.2  The segregation provisions of chapter 7.2 to 7.7 including the segregation provision in column 16 of the dangerous goods list are not applicable for packagings containing dangerous goods in limited quantities or in relation to other dangerous goods. However articles of division 1.4, compatibility group S shall not be stowed in the same compartment or hold, or cargo transport unit with dangerous goods of class 1 of compatibility groups A and L.”

APPENDICES

Appendix B  Glossary of terms

In the glossary, amend the following terms as indicated:

In Cartridges for Weapons: replace “name and description” with “proper shipping name”. (twice)

In Explosive, deflagrating: replace “A substance which reacts by detonation rather than deflagration when initiated and used in its normal manner.” with “A substance, e.g. propellant, which reacts by deflagration rather than detonation when ignited and used in its normal manner.”

Insert a new term “Explosive, detonating” as follows:

“Explosive, detonating” A substance which reacts by detonation rather than deflagration when initiated and used in its normal manner.

INDEX

In the alphabetical index, amend the following entries as indicated:

Delete the entry “ACETONE SOLUTIONS”.

Replace the entry “Desmediphan” with “Desmedipham”.

In the entry for “3,6,9-TRIETHYL-3,6,9-TRIMETHYL-1,4,7-TRIPEROXONATE (concentration ≤ 17%, with diluent Type A, with inert solid)”, the column for Substance, material or article is replaced with “3,6,9-Triethyl-3,6,9-trimethyl-1,4,7-triperoxonane (concentration ≤ 17%, with diluent Type A, with inert solid)”. 

Replace the existing entry for “([3R-(3R,5aS,6S,8aS,9R,10R,12S,12aR**)]-DECAHYDRO-10-METHOXY-3,6,9-TRIMETHYL-3,12-EPOXY-12H-PYRANO[4,3-j]-1,2-BENZODIOXEPIN)” with “([3R-(3R,5aS,6S,8aS,9R,10R,12S,12aR**)]-DECAHYDRO-10-METHOXY-3,6,9-TRIMETHYL-3,12-EPOXY-12H-PYRANO[4,3-j]-1,2-BENZODIOXEPIN) (concentration ≤ 100%)”.

Insert the following entries:

<table>
<thead>
<tr>
<th>Substance, material or article</th>
<th>MP</th>
<th>Class</th>
<th>UN No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)</td>
<td>–</td>
<td>8</td>
<td>3470</td>
</tr>
<tr>
<td>PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)</td>
<td>–</td>
<td>3</td>
<td>3469</td>
</tr>
<tr>
<td>RUBBER SHODDY powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%</td>
<td>–</td>
<td>4.1</td>
<td>1345</td>
</tr>
<tr>
<td>1,1,3,3-Tetramethylbutyl peroxyxivalate (concentration ≤ 77%, with diluent Type A), see</td>
<td>–</td>
<td>5.2</td>
<td>3115</td>
</tr>
</tbody>
</table>