

REPORT OF THE MARINE ENVIRONMENT PROTECTION COMMITTEE  
ON ITS TWENTY-SECOND SESSION  
Corrigenda



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MARINE ENVIRONMENT PROTECTION  
COMMITTEE - 22nd session  
2-6 December 1985

### REPORT OF THE MARINE ENVIRONMENT PROTECTION COMMITTEE ON ITS TWENTY-SECOND SESSION

#### Corrigenda

#### Note by the Secretariat

In adopting the report, the twenty-second session of the Committee realized that the Annex II lists of chemicals and the BCH and IBC Codes lists may require minor changes to correct editorial errors and agreed that the Secretariat could make such changes. Reproduced hereunder are the corrigenda to the report of the twenty-second session of the Committee (MEPC 22/21 and MEPC 22/21/Add.1).

Corrections to annex 2 (Amendments to Annex II of MARPOL 73/78) are already incorporated in the certified copies of the Amendments adopted, except those on Appendices III and IV which will be rectified in due course.

Many of the corrections to annexes 5, 6 and 8 are based on the new information on physical characteristics of substances included in Chapters VI and 17 of the BCH and IBC Codes collected upon the request of the Sub-Committee on Bulk Chemicals (BCH 16/INF.2).

It should be noted with appreciation that assistance has been received from many members of the drafting group convened during the twenty-second session of the Committee in carefully checking the accuracy of these lists.

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Corrigenda

Paragraph 2.2, line 7: The words "Annexes IV and V" should read "Annexes III and V".

Paragraph 14.16, line 3: The year "1986" should read "1985".

Annex 2            Resolution MEPC 16(22) - Adoption of Amendments to the Annex of the Protocol of 1978 relating to the International Convention for the Prevention of Pollution from Ships, 1973 (Relating to Annex II of the International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 relating thereto)

Page 20 Regulation 9(2)(viii): The words "ventilation, in" should read "ventilation of residues in".

(Appendix II)

Page 33 Butyl methacrylate: Delete the UN No. "2227".

Page 33 n-Butyric acid: The substance name should read "Butyric acid".

Page 42 Formaldehyde solutions (45% or less): Add another UN No. "2209".

Page 53 Urea, Ammonium nitrate solution (containing) aqua Ammonia: Delete from the product name the word "nitrate".

(Appendix III)

Page 55 Ethylene glycol tertiary buty ether: The name should read "Ethylene glycol tert-butyl ether".

(Appendix IV)

Page 60 Introduction, last paragraph: Add the following sentence:  
"For the category of a substance, refer to Table 1 of the ship's Procedures and Arrangements Manual".

Annex 4            Resolution MEPC 18(22) - Adoption of the Standards for the Procedures and Arrangements for the Discharge of Noxious Liquid Substances

Page 72    SLOP DISPOSAL PROCEDURES: Page 72 is replaced by that reproduced in Attachment 1.

Annex 5            Resolution MEPC 19(22) - Adoption of the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)

Page 19    Explanatory notes on Pollution Category: Add the following to the existing note "Pollution Category in brackets indicates that the product is provisionally categorized and that further data are necessary to complete the evaluation of their pollution hazards. Until the hazard evaluation is completed, the Pollution Category assigned is used".

Page 22    Ammonium sulphide solution (45% or less): Add "16.6" in column "o".

Page 23    Benzene and mixture having 10% benzene or more: Delete "content" from the product name.

Page 24    Butyl/Decyl/Cetyl/Eicosyl methacrylate mixture: Add "Yes" in column "i'".

Page 25    Calcium naphthenate in mineral oil: Replace "Cont." in column "g" by "Open".

Page 26    2- or 3-Chloropropionic acid: Add "16.2.9" to column "o".

Page 26    Coal tar naphtha solvent: Add "/P" in column "d".

Page 28    2,4-Dichlorophenol: Delete "NF" in column "i'" and insert "Yes" in column "i'".

Page 32    Diphenylmethane diisocyanate: Replace "No" in column "i'"" by "Yes".

- Page 32 Diphenyl oxide/Biphenyl phenyl ether mixture: "Biphenyl" should read "Diphenyl".
- Page 32 Dodecyl benzene: Delete "16.2.9" from column "o".
- Page 33 Dodecyl diphenyl oxide disulphonate solution: Add "16A.2.2" in column "o".
- Page 35 Fumaric adduct of rosin, water dispersion: Add "16.2.6" in column "o".
- Page 36 Glycidal ester of tridecylacetic acid: The product name should read "Glycidyl ester of C<sub>10</sub> trialkyl acetic acid".
- Page 37 Isopropanolamine: Add "16.2.8" in column "o".
- Page 38 Maleic anhydride: Delete reference to "16.2.9" in column "o".
- Page 38 Mercaptobenzothiazol, sodium salt solution: Add "16.2.9" in column "o".
- Page 38 Methyl acrylate: Delete reference to "16.2.7" in column "o".
- Page 38 Methylamine solutions (42% or less): Insert "No" in column "i".
- Page 39 Methylene chloride: Rename the product to "Dichloromethane" and move the entry to page 28 after the entry of "2, 2-Dichloroisopropyl ether".
- Page 40 alpha-Methylstyrene: Amend the ship type in column "c" to "2".
- Page 40 Nitric acide (70% and over): In column "b", amend the note symbol "n" to read "h".
- Page 41 Nitropropane (60%)/Nitroethane (40%) mixture: In column "1", amend the note symbol to read "u".

- Page 41 After the entry of "Olefins, straight chain mixtures": Add the entry of "alpha-Olefins (C<sub>6</sub>-C<sub>18</sub>) mixtures". Entry in columns "b" to "o" are the same as those for "Olefins, straight chain mixtures".
- Page 42 Pentene (all isomers): Add "16.2.9" in column "o".
- Page 42 Polyethylene polyamines: Add another Un number "2735" to column "b".
- Page 42 Polymethylene polyphenyl isocyanate: Replace "No" in column "i'" by "Yes".
- Page 43 Rosin soap (disproportioned) solution: Amend "disproportioned" to read "disproportionated".
- Page 44 Sodium hydrosulphide/Ammonium sulphide solution: Add "16.6" in column "o".
- Page 45 Tall oil soap (disproportionated) solution: Add "16.2.6, 16.2.9" to column "o".
- Page 48 Urea, Ammonium Nitrate solution (containing aqua ammonia): Delete "Nitrate" in the product name and add "N7" in column "m".
- Page 49 Xylene: Delete "No" in column "m" and add "No" in column "n".
- Page 49 Xylenol: Delete "No" in column "m" and add "No" in column "n" and delete "16.2.6" from column "o".
- Page 51 r: Amend the note "r" to read "Reference to 16A.2.2 applies to 1-Undecyl alcohol only".
- Page 51 u: Add new note "u" to read "Dry chemicals should not be used as a fire-fighting medium.
- Page 54 Dinonyl phthalate (all isomers): Delete "(all isomers)".

Page 54 Dodecane (all isomers): Delete "(all isomers)".

Annex 6      Resolution MEPC 20(22) -Adoption of the Code for the  
Construction and Equipment of Ships Carrying Dangerous Chemicals  
in Bulk (BCH Code)

Page 11 Footnote: Amend the footnote to read "See 1.4.15".

Page 19 Explanatory note on Pollution Category: Add the following to the existing note: "Pollution Category in brackets indicates that the product is provisionally categorized and that further data are necessary to complete the evaluation of their pollution hazards. Until the hazard evaluation is completed, the Pollution Category assigned is used".

Page 22 Ammonium sulphide solution (45% or less): Replace "No" in column "g" by "Cont.".

Page 23 Benzene and mixtures having 10% benzene content or more: Delete "content" from the product name and in column "b" amend the note symbol "(t)" to read "(s)".

Page 25 Calcium hypochlorite solution: Amend the entry in column "d" to read "S/P" and add "4.12.5" in column "m".

Page 26 2- or 3-Chloropropionic acid: Add "5.2.8" in column "m".

Page 27 Coal tar naphtha solvent: Amend the entry in column "d" to read "S/P".

Page 30 Diglycidal ether of Bisphenol A: Add "5.2.8" in column "m".

Page 32 Dinitrotoluene (molten): Add UN number "1600" in column "b".

Page 32 Diphenylmethane diisocyanate: In column "m", amend the reference to "5.2.7" to read "5.2.5".

Page 33 Dodecylbenzene: Delete "5.2.8" in column "m".

- Page 33 Dodecyl diphenyl oxide disulphonate solution: Add "No" in column "1" and "5A.2.2" in column "m".
- Page 34 Ethylamine: Add Un number "1036" in column "b".
- Page 35 2-Ethyl-3-propylacrolein: In column "m", amend "15.2.8" to read "5.2.8".
- Page 35 Formaldehyde solutions (45% or less): Add another UN number "2209" in column "b".
- Page 35 Fumaric adduct of resin, water dispersion: Add "5.2.5" in column "m".
- Page 36 Glycidel ester of tridecylacetic acid: The product name should read "Glycidel ester of C<sub>10</sub> trialkyl acetic acid".
- Page 38 Isopropanolamine: Replace "SP" in column "i" by "St" and add "5.2.7, 5.2.8" in column "m".
- Page 39 Methylene chloride: Rename the product to "Dichloromethane" and move the entry to page 28 after the entry of "2,2-Dichloroisopropyl ether".
- Page 40 2 Methylpyridine: Delete "5.2.8" from column "m".
- Page 41 o-Nitrochlorobenzene: Rename the product as "o-Chloronitrobenzene" and move the entry to page 26 after the entry of "Chlorohydrins, crude".
- Page 41 Nitropropane (60%)/Nitroethane (40%) mixture: Delete UN number 1993 from column "b".
- Page 43 Pentene, all isomers: Amend the product name to read: "Pentene (all isomers)" and add "5.2.8" in column "m".



- Page 43 Phosphorus, yellow or white: Replace the entry of "No" in column "l" by "C".
- Page 43 Polymethylene polyphenyl isocyanate: Add note symbol "b" to "St" in column "i".
- Page 44 Propylene trimer: Add UN number "2057" in column "b".
- Page 46 Sodium hypochlorite solution (15% or less): Add UN number "1971" in column "b".
- Page 46 Tall oil soap (disproportionated) solution: Add "5.2.5, 5.2.8" to column "m".
- Page 47 Toluenediamine: Add "5.2.8" to column "m".
- Page 49 Tritolylphosphate: 2 entries: Rename the product to Tricresyl phosphate and move both entries to page 48 after the entry of "1,1,2-Trichloro-1,2,2-Trifluoroethane".
- Page 50 Undecyl alcohol: Delete "5.2.5" from column "m".
- Page 50 Urea ammonium nitrate solution (containing aqua ammonia): Delete "nitrate" from the product name.
- Page 51 Xylenol: Delete "5.2.5" from column "m".
- Page 52 o: Amend Note "o" to read "UN number 2672 refers to 10-35% ammonium solution".
- Page 52 s: Add a new note "s" to read "UN number 1114 applies to Benzene".
- Page 56 Dinonyl phthalate (all isomers): Delete "(all isomers)".
- Page 56 Dodecane (all isomers): Delete "(all isomers)".

Page 65 Amend the title to read: "ATTACHMENT 1A TO THE CERTIFICATE OF FITNESS FOR THE CARRIAGE OF DANGEROUS CHEMICALS IN BULK".

Annex 7 Texts of the agreed unified interpretations of Annex II of MARPOL 73/78

Page 3 2.1.1 last sentence: The word "exemption" should read "equivalency".

Annex 8 Revised Guidelines on the Provision of Adequate Reception Facilities - Part II

Page 17 Appendix 1: Delete 1.

Page 18 Tretolyl phosphate: Rename the two entries of Tretolyl phosphate as "Trecresyl phosphate".

Page 19 - Dinitrotoluene: Amend the melting point to "55°C".

- Dodecyl alcohol: Delete "High viscosity and 16.61 mPa.s (25°C)".

- Fumaric adduct of rosin, water dispersion: Insert this new product after "Fatty alcohols C<sub>12</sub>-C<sub>20</sub>" together with "High viscosity 20-30 mPa.s".

- Mercaptobenzothiazol solution: Amend the product name to read: "Mercaptobenzothiazol, sodium salt solution".

- o-Nitrochlorobenzene: Amend the product name to read "o-Chloronitrobenzene" and move the entry to the top of the page.

Page 20 - Tall oil soap (disproportionated) solution: Insert this new product after Sodium hydrosulphide solution (45% or less) together with "High viscosity 50-55 mPa.s and solidifying at 0°C".

- Xylenol: Replace characteristic entry by "Solidifying -40°C to 70°C".

- Page 21 - 2- or 3-Chloropropionic acid: Insert this new product after the entry of "Chloroacetic acid" together with UN number "2511" and the notation "Solidifying at about 40°C".
- Cyclohexanol: Delete "High viscosity and 68.01 mPa.s".
  - Hexamethylene diamine: Add "solution" to the product name.
  - Isopropanolamine: Add "High viscosity and above 50 mPa.s".
  - Pentene (all isomers): Insert this product after "Paraldehyde" together with "Solidifying 152°C to 165°C".
  - Potassium hydroxide solution: amend the melting point to read: "-33°C to 29°C".
  - Footnote: Add another footnote on UN number 2511 for 2- or 3-Chloropropionic acid as follows: "UN number 2511 applies to 2-Chloropropionic acid only: (This entails adding another asterisk to the existing footnote.)"
- Page 22 - Sulphuric acid: Amend the viscosity to read "15 to 30 mPa.s" and the melting point "-15°C to 10°C".
- Toluene diamine: Amend the melting point to read: "88°C to 96°C".
  - p-Xylenes: Amend the product name to "Xylenes" and the melting point "-48°C to 13°C".

ATTACHMENT 1

SLOPS DISPOSAL PROCEDURES (SDP)	SEQUENCE OF PROCEDURES					
	1	2	3	4	5	6
Slops must be discharged ashore	X					
Establish discharge rate of immiscible residue/water mixture in accordance with Addendum D		X				
Establish discharge rate of miscible residue/water mixture in accordance with Addendum D			X			
The figure obtained shows the rate at which discharge is permitted		X	X			
Residues of substances with viscosities 60 mPa.s at the unloading temperature may be retained on board and discharged outside special area. Alternatively, tanks may be prewashed and slops discharged ashore						X
Dilute slops with water to obtain a solution of 10% or less - no restriction on discharge rate					X	
Discharge rate is maximum permitted by underwater discharge outlet				X		X
Additional discharge conditions:						
- ship's speed at least 7 knots		X	X	X	X	X
- outside 12 miles from nearest land		X	X	X	X	X
- depth of water at least 25 m		X	X	X		X
- using underwater discharge		X	X	X		X

Note: Start at the top of the column under the SDP number specified and complete each procedure in sequence where marked X.

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