

## **MATERIAL DECLARATION**

04-03-2022

<MD ID Number>
MD-ID-No.

<Other Information (e.g Shipyard, Hull Number if applicable.)>

 Remark 1
 ENGINE (TIN-023/2022e-0002)

Remark 1 Remark 2

<supplier (respondent)="" information=""></supplier>					
Company name	Beacon Marine Service Co.,Ltd.				
Division name					
Address	20, 195beon -na gil Haeyang-Ro, Yeongdo-Gu, Busan, Korea				
Contact person	S.J.Kim				
Telephone no	0082-51-231-1226				
Fax no	0082-51-231-1229				
E-mail adress	beacon@beaconmar.com				
SDoC ID no	SD-BMS-2203040013				

<Pre><Pre>color Information>

| Product Name           | Product Number | Delivered Unit |       | Product Information  |  |  |  |
|------------------------|----------------|----------------|-------|--|--|--|--|
| Floudet Name           | Floudt Number  | Amount         | Unit  | Floudt illoillation  |  |  |  |
| Temperature Controller | 1              | 4              | piece | Temperature Controller ND4 Model : ND4-PPMR03 . Range : 0~100*C . Lot No. E1041137246 Maker : HANYOUNG |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |
|                        |                |                |       |  |  |  |  |

This material information shows the amount of hazardous materials contained in

Unit:

| Table      |                      | Material Name                    | Threshold level       | Present above<br>threshold level | IF YES<br>Material Mass |      | IF YES              |
|------------|----------------------|----------------------------------|-----------------------|----------------------------------|-------------------------|------|---------------------|
|            |                      |                                  |                       | Yes or No                        | Amount                  | Unit | on where it is used |
|            | Asbestos             | Asbestos                         | 0,1% *                | No                               |                         |      |                     |
| Table A**  | PCB's                | Polychlorinated Biphenyls (PCBs) | 50 mg/kg              | No                               |                         |      |                     |
|            |                      | Chlorofluorcarbons (CFC's)       |                       | No                               |                         |      |                     |
| Materials  |                      | Halons                           |                       | No                               |                         |      |                     |
| listed in  |                      | Other fully Halogenated CFC's    |                       | No                               |                         |      |                     |
| appendix 1 | Ozone depleting      | Carbon Tetrachloride             |                       | No                               |                         |      |                     |
| of the     | Substances           | 1,1,1-Trichloroethane            | No threshold level    | No                               |                         |      |                     |
| Convention |                      | Hydrochlorofluorcarbons          |                       | No                               |                         |      |                     |
|            |                      | Hydrobromofluorcarbons           |                       | No                               |                         |      |                     |
|            |                      | Methyl Bromide                   |                       | No                               |                         |      |                     |
|            |                      | Bromochloromethane               |                       | No                               |                         |      |                     |
|            | Anti-fouling systems |                                  |                       | No                               |                         |      |                     |
|            | containing organotin |                                  | 2,500 mg total tin/kg |                                  |                         |      |                     |
|            | compounds as a       |                                  |                       |                                  |                         |      |                     |
|            | biocide              |                                  |                       |                                  |                         |      |                     |

| Table                      | Material Name   | Material Name |    | al Mass | IF YES Information on where it is used |  |
|----------------------------|---|---------------|----|---------|--|--|
|                            | Cadmium & Cadmium Compounds                           | 100 mg/kg     | No |         |  |  |
| Table B**                  | Hexavalent Chromium and Hexavalent Chromium Compounds | 1,000 mg/kg   | No |         |  |  |
|                            | Lead and Lead Compounds                               | 1,000 mg/kg   | No |         |  |  |
| Materials                  | Mercury and Mercury Compounds                         | 1,000 mg/kg   | No |         |  |  |
| listed in                  | ted in Polybromated Biphenyl (PBB's)                  |               | No |         |  |  |
| appendix 2                 | Polybrominated Dephenyl Ethers (PBDE's)               | 1,000 mg/kg   | No |         |  |  |
| of the                     | Polychloronaphtalenes (CI>=3)                         | 50 mg/kg      | No |         |  |  |
| Convention                 | Radioactive substances                                | No thr.level  | No |         |  |  |
|                            | Certain Shortchain Chlorinated Paraffins              | 1%            | No |         |  |  |
|                            |   |               |    |         |  |  |
| Annex II***<br>(Additional | Perfluorooctane sulfonic acid (PFOS)                  | 10 mg/kg****  | No |         |  |  |
|                            | Flame Retardant (HBCDD)                               | 100 mg/kg     | No |         |  |  |

Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC 269(68),
"Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SR/CONF/45),
"Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No. 1013/2006 and Directive 2009/16/EC EMSA's Best Parcitice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28
""Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or other coated materials, if the amount of PFOS is equal to or above than 1 µg/m² of the coated material



S.J.Kim/ Sales Director BEACON MARINE SERVICE CO.,LTD.