

## SECTION 1 - CHEMICAL AND COMPANY IDENTIFICATION

|   |  |   |                |
|---|--|---|----------------|
| <b>Product Name:</b>                                  | Lithium-ion Rechargeable Battery Pack  | <b>Date Prepared:</b>                             | February 2024  |
| <b>Type/Model:</b>                                    | Type/Model   | Nominal voltage                                   | Rated capacity |
|   | CNB550E V2   | 7.4V  | 1800mAh        |
|   | CNB950E V2   | 7.4V  | 1800mAh        |
| The above model battery is composed of the same cell. |  |   |                |
| <b>Parameter</b>                                      | 7.4V, 1800mAh, 13.32Wh   |   |                |
| <b>Usage</b>  | <input type="checkbox"/> Used in Portable Equipment                          | <input type="checkbox"/> Used in Electric Vehicle |                |
|   | <input type="checkbox"/> Used in Energy Storage System                       | <input checked="" type="checkbox"/> Others        |                |
| <b>Manufacturer's Name:</b>                           | Entel UK Limited   |   |                |
| <b>Address:</b>                                       | 320 Centennial Avenue, Centennial Park, Elstree, Borehamwood, Herts ,WD6 3TJ |   |                |
| <b>Telephone Number:</b>                              | +44 (0)20 8236 0032  |   |                |
| <b>E-Mail:</b>  | technical@entel.co.uk  |   |                |
| <b>Website:</b>                                       | www.entel.co.uk  |   |                |
| <b>Emergency Contact Number:</b>                      | +44 (0)20 8236 0032  |   |                |
| <b>Document Number:</b>                               | QAS-SDS-018  |   |                |

## SECTION 2 – HAZARD IDENTIFICATION

### Classification:

This chemical is not considered hazardous by the Regulation (EC) No 1272/2008 (CLP). This product is an article that is a sealed battery and as such does not require an SDS per regulation (EC) No 1272/2008 (CLP) unless ruptured. The hazards indicated are for ruptured batteries.

|  |             |
|--|-------------|
| Acute toxicity – Oral                              | Category 4  |
| Acute toxicity – Dermal                            | Category 4  |
| Skin corrosion/irritation                          | Category 1B |
| Serious eye damage/eye irritation                  | Category 2  |
| Skin sensitization                                 | Category 1  |
| Carcinogenicity                                    | Category 2  |
| Specific target organ toxicity (repeated exposure) | Category 1  |

### Label elements:

Signal Word: **Danger**

### Hazard Statements

|      |                                   |
|------|-----------------------------------|
| H302 | Harmful if swallowed.             |
| H313 | Harmful in contact with skin.     |
| H332 | Harmful if inhaled.               |
| H318 | Causes serious eye damage.        |
| H317 | May cause allergic skin reaction. |
| H350 | May cause cancer.                 |
| H371 | May cause damage to organs.       |
| H355 | May cause respiratory irritation. |

### Symbol



GHS08



GHS05



GHS07

This product is an article that contains a chemical substance. Safety information is given for exposure to the article as solid. The intended use of the product should not in result exposure to the chemical substance, this is a battery. In case of rupture: the above hazards exist.

### Precautionary Statement – Prevention

|      |   |
|------|---|
| P201 | Obtain special instructions before use.                                   |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P281 | Use personal protective equipment as required.                            |
| P264 | Wash face, hands and any exposed skin thoroughly after handling.          |
| P272 | Contamination work clothing should not allowed out of the workplace.      |
| P210 | Keep away from heat/sparks/open flames/hot surfaces-no smoking.           |
| P270 | Do not eat, drink or smoke when using this product.                       |

### Precaution Statements – Response

P301 + P330 + P308

If exposed or connected: Get medical advice/attention. Specific treatment (see supplemental first aid/instruction on this label)

Skin: If on the skin: wash with plenty of soap and water. Take off contaminated clothing and water before reuse, if skin irritation or rash occurs: get medical advice/attention if feel unwell.

Eye: If in eyes: Rinse cautiously with water for several minutes, and remove contact lenses, if present and easy to do, continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation: If inhalation: if breathing is difficult, remove the victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion: If swallowed: rinse mouth, do not induce vomiting, and call a POISON CENTER or doctor/physician if you feel unwell.

### Precautionary Statements – Storage

|      |                 |
|------|-----------------|
| P405 | Store locked up |
|------|-----------------|

### Precautionary Statements – Disposal

|      |   |
|------|---|
| P501 | Dispose of contents/container to an approved waste disposal plant |
|------|---|

### Hazards not otherwise classified (HNOC)

Not applicable.

### Other information

Harmful to aquatic organisms, and may cause long-term adverse effects in the aquatic environment.

### Interactions with other chemicals

The use of alcoholic beverages may enhance the toxic effect.

## SECTION 3 – COMPOSITION /INFORMATION ON INGREDIENT

| Ingredient                | Molecular Formula  | CAS No.    | Weigh    |
|---------------------------|--|------------|----------|
| Lithium Cobalt Dioxide    | LiC <sub>6</sub> O <sub>2</sub>                              | 12190-79-3 | 33-45%   |
| Graphite                  | C <sub>24</sub> X <sub>12</sub>                              | 7782-42-5  | 13-21%   |
| Electrolyte               | --   | --         | 13-20%   |
| Aluminium                 | Al   | 7429-90-5  | 13-20%   |
| Copper foil               | Cu   | 7440-50-8  | 6-12%    |
| Polyvinylidene fluoride   | (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> ) <sub>n</sub> | 24937-79-9 | 0.4-0.9% |
| Graphite /Acetylene Black | C  | 1333-86-4  | 0.3-0.7% |

## SECTION 4 – FIRST AID MEASURES

### Eye Exposure:

In case of contact with eyes, flush with copious water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### Skin Exposure:

If the internal battery materials of an opened battery cell come into contact with skin, immediately flush with plenty of water or soap.

### Inhalation Exposure:

If inhaled the internal battery vomiting. Seeking immediate medical attention.

**Ingestion Exposure:**

If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

**SECTION 5 – FIRE FIGHTING MEASURES****Danger characteristic:**

Exposure to excessive heat can cause venting of the liquid electrolyte.  
Battery may burst and release hazardous decomposition products when exposed to a fire situation.

**Hazardous combustion products:**

Corrosive and toxic gas may be emitted during a fire.

**Fire-Fighting method:**

The staff must equip with filter mask (full mask) or isolated breathing apparatus.  
The staff must wear clothes which can defend the fire in the upwind direction.  
Remove the container to the open space as soon as possible.  
Spray water on the containers in the fire place to keep them cool until finished extinguishment.

**Fire-fighting media:**

Plenty of water, dry chemical powder or carbon dioxide.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Emergency treatment:**

If the battery material is released, remove personnel from the area until the batteries cool down and the fumes dissipate. Provide maximum ventilation to clear out hazardous gases and avoid skin and eye contact or inhalation of vapours. Remove spilled liquid with absorbent and incinerate waste.

**SECTION 7 - HANDLING AND STORAGE****Handling:**

1. Do not allow battery terminals to contact each other, or contact with other metals.
2. Do not put the cell or battery into fire or heat it. Do not solder the cell directly. Do not use or leave the cell or battery in a place near the fire or heaters.
3. Do not expose the battery to excessive physical shock or vibration.
4. Do not immerse, throw, and wet a battery in water.
5. Short-circuiting should be avoided. A short circuit will reduce the life of the battery and can lead to the ignition of surrounding materials. Physical contact with short-circuited battery can cause skin burns.
6. The batteries should not be opened, destroyed or incinerated, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed containers.
7. Place the cell beyond the child packing and container.
8. Do not connect the battery directly to an electric outlet or cigarette socket in a car.
9. Be sure to use the specified charger for battery, and follow the charging instructions correctly.
10. Do not mix old and new batteries together, neither with Ni-Cd, dry batteries or another manufacturer's batteries or product.

**Storage:**

1. Batteries should be separated from other materials and stored in a non-combustible, well ventilated, sprinkler-protected structure with sufficient clearance between walls and battery stacks.
2. Keep the sample in a cool, dry and well-ventilated place (temperature: -20~30°C, humidity: 45~85%). Do not expose to direct sunlight for long periods. Keep away from fire and heating sources. Don't keep the samples with oxidizer and acid.
3. Equip with relevant types and quantities of the extinguishment instruments. The storage place should be equipped with suitable shelter materials for divergence handling.
4. For rechargeable battery, charge the battery every 6 months to the amount specified by the manufacture, even if the battery is not used.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering Control:**

Keep away from heat and open flame. Supply with sufficient partial air exhaust. Store in a cool, dry place.

**Respiratory Protection:**

Not necessary under conditions of normal use. Wear a self-contained breathing filter mask if the density exceeds in the air. Wear a breathing apparatus under the condition of emergency rescue or evacuation.

**Eyes Protection:**

Not necessary under control conditions of normal use. Wear protective glasses if handling a leaking or ruptured battery.

**Skin and Body Protection:**

Not necessary under conditions of normal use. Wear fireproofing, gas defence clothes in case of handling a leaking or ruptured battery.

**Hands Protection:**

Not necessary under conditions of normal use. Wear chemical-resistance rubber gloves.

**Other Protections:**

No smoking, dining and drinking water in the workplace. Keep good habits of hygiene.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

|                        |                    |
|------------------------|--------------------|
| <b>Appearance:</b>     | Black              |
| <b>Physical state:</b> | Solid              |
| <b>Form:</b>           | Irregular shape    |
| <b>Odor:</b>           | Odorless           |
| <b>Solubility:</b>     | Insoluble in water |

**SECTION 10 - STABILITY AND REACTIVITY****Stability:**

Stable under normal temperature and pressure.

**Distribution of Ban:**

Explosives, inflammables, strong oxidations and corrosives.

**Conditions to Avoid:**

Fire source, heating source, disassembly, external short circuit, crushes, deformation, high temperature above 100°C, direct sunlight and high humidity, immerse in water or overcharge.

**Hazardous Polymerization:**

This will not occur.

**Hazardous Decomposition Products:**

Metal oxides, carboxyl compounds such as CO, CO<sub>2</sub>, etc.

**SECTION 11 - TOXICOLOGICAL INFORMATION****Acute Toxicity:**

No information is available.

**Sub-acute and Chronic Toxicity:**

No information is available.

**Irritation Data:**

The internal battery materials may cause irritation to the eyes and skin.

**Sensitization:**

The liquid in the battery may cause sensitization in some people.

**Mutagenicity:**

No information is available.

**Carcinogenicity:**

Cobalt and Cobalt compounds are considered to be possible human carcinogen(s).

**Others:**

Since the materials in this battery are sealed in the can, the potential for exposure to the components of the battery is negligible, when the battery is used as directed. However technical or electrical abuse of the battery may result in the release of battery contents.

## SECTION 12 - ECOLOGICAL INFORMATION

### Eco-toxicity:

No information is available.

### Biodegradable:

No information is available.

### Mobility in soil:

No information is available.

### Bio concentration or biological accumulation:

No information is available.

### Other harmful effects:

Don't abandon the battery in environment, may cause water or soil pollution.

## SECTION 13 – DISPOSAL CONSIDERATIONS

### Appropriate Method of Substance:

The battery should be completely discharged before disposal in order to prevent short circuit.

The battery contains recyclable materials, and it is suggested to recycle.

Refer to National or Local regulations before handling.

Disposal of the battery should be performed by permitted, professional disposal firms knowledgeable in National or Local regulations of hazardous waste treatment and hazardous waste transportation.

## SECTION 14 – TRANSPORT INFORMATION

The battery has passed the test items of UN Manual of Test and Criteria Section 38.3.

| Type/Model | Report No.    |
|------------|---------------|
| CNB550E V2 | SET2018-05534 |
| CNB950E V2 | SET2018-01965 |

### General packaging requirement:

1. The cells or batteries must be protected so as to prevent short circuits.
2. The cells or batteries or equipment must be packed in suitable strong outer packaging.
3. If batteries are contained in equipment, equipment must be secured against movement within the outer packaging and be packed so as to prevent accidental activation.

### Air transportation, according to IATA-DGR 65<sup>th</sup> Edition

|                       |   |
|-----------------------|---|
| UN Number + PSN       | <b>UN 3480, Lithium-ion Batteries</b>   |
| Hazard Class          | Class 9   |
| Packaging instruction | Strong package, packaging according to packing instruction 965, section IB  |
| UN Number + PSN       | <b>UN 3481, Lithium-ion Batteries Packed with Equipment, or<br/>UN 3481, Lithium-ion Batteries Contained in Equipment</b> |
| Hazard Class          | Not restricted  |
| Packaging instruction | Strong package, packaging according to packing instruction 966-967, section II  |

### Sea transportation, according to IMO IMDG Code (Amend 40-2020)

|                       |  |
|-----------------------|--|
| UN Number + PSN       | <b>UN 3480, Lithium-ion Batteries<br/>UN 3481, Lithium-ion Batteries Packed with Equipment, or<br/>UN 3481, Lithium-ion Batteries Contained in Equipment</b> |
| Hazard Class          | Not restricted, according to sp188   |
| Packaging instruction | Strong package, Packaging in accordance to corresponding requirements of sp188   |
| EmS No                | F-A, S-I   |

### Road transportation, according to ADR-2021

|                       |  |
|-----------------------|--|
| UN Number + PSN       | <b>UN 3480, Lithium-ion Batteries<br/>UN 3481, Lithium-ion Batteries Packed with Equipment, or<br/>UN 3481, Lithium-ion Batteries Contained in Equipment</b> |
| Hazard Class          | Not restricted, according to sp188   |
| Packaging instruction | Strong package, Packaging in accordance to corresponding requirements of sp188   |

## SECTION 15 – REGULATORY INFORMATION

Dangerous Goods Regulation (DGR)

Recommendations on the Transport of Dangerous Goods Model Regulations

International Maritime Dangerous Goods (IMDG)

Occupational Safety and Health Act (OSHA)  
Toxic Substances Control Act (TSCA)  
Code of Federal Regulations (CFR)  
Technical Instructions for the Safe Transport of Dangerous Goods  
California Proposition 65  
Superfund Amendments and Reauthorization Act Title III (302/311/312/313) (SARA)  
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)  
In accordance with all Federal, State and local laws.

## SECTION 16 – OTHER INFORMATION

|                               |  |
|-------------------------------|--|
| <b>Preparation Date:</b>      | February 27, 2024  |
| <b>Prepared by:</b>           | Entel Quality Assurance Department   |
| <b>Accordinging standard:</b> | GB/T 16483-2008 SDS for chemical products Content and order of sections<br>ISO 11014:2009(E) SDS for chemical products Content and order of sections   |
| <b>Reference:</b>             | Report No. Entel20230119MSDS01<br>Guangzhou MCM Certification & Testing Co., Ltd.<br>Report No. SET2018-05534<br>Report No. SET2018-01965<br>CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. |
| <b>Revision:</b>              |  |
| Rev. 1.0 (Ver. 02/24)         | Initial Release  |

### Statement of Liability /Disclaimer:

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

The information contained in this Safety data sheet is made in good faith and is based on the present state of knowledge and current legislation. Entel disclaims all liability in respect of the information implied or expressed. Equivalent information is available from the cell manufacturer.

## Material Declaration

**<Date of declaration>**

|       |           |
|-------|-----------|
| Date: | 28-Feb-24 |
|-------|-----------|

**<MD ID Number>**

|           |                    |
|-----------|--------------------|
| MD-ID-No. | MD_ENT_UK_20240228 |
|-----------|--------------------|

**<Other information>**

|          |     |
|----------|-----|
| Remark 1 | N/A |
| Remark 2 | N/A |
| Remark 3 | N/A |

|                |   |
|----------------|---|
| Company name   | Entel UK Limited  |
| Division name  | Quality Assurance   |
| Address        | 320 Centennial Avenue<br>Centennial Park, Elstree<br>Borehamwood, Herts<br>WD6 3TJ United Kingdom |
| Contact person | Mike Jamieson   |
| Telephone no   | +44 (0)20 8236 0032, Ext 239 or 219   |
| Fax number     | None  |
| E-mail address | mike.jamieson@entel.co.uk   |
| SDoC ID no     | SD_ENT_UK_20240228  |

**<Supplier (Respondent) Information>**

**<Product Information>**

| Product Category              | Product Number   | Delivered Unit |      | Product Information  |
|-------------------------------|--|----------------|------|--|
|                               |  | Weight         | Unit |  |
| Fire Fighter Transceivers VHF | DT844FF<br>DT944FF                                       | 0.435          | kg   | MED Wheel mark approved Fire Fighter radio. ATEX II 2G Ex ib IIB T4 Gb Ta= -20C to +40C<br>MED Wheel mark approved Fire Fighter radio. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C   |
| Fire Fighter Transceivers UHF | DT885FF<br>DT985FF                                       | 0.435          | kg   | MED Wheel mark approved Fire Fighter radio. ATEX II 2G Ex ib IIB T4 Gb Ta= -20C to +40C<br>MED Wheel mark approved Fire Fighter radio. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C   |
| DT Marine VHF                 | DT542<br>DT544<br>DT842<br>DT844<br>DT942<br>DT944       | 0.435          | kg   | Marine Transceiver Displayless. IECEx Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Display. IECEx Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Displayless. ATEX II 2G Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Display. ATEX II 2G Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Displayless. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C<br>Marine Transceiver Display. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C   |
| DT Marine UHF                 | DT582M<br>DT585M<br>DT882M<br>DT885M<br>DT982M<br>DT985M | 0.435          | kg   | Marine Transceiver Displayless. IECEx Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Display. IECEx Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Displayless. ATEX II 2G Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Display. ATEX II 2G Ex ib IIB T4 Gb Ta= -20C to +40C<br>Marine Transceiver Displayless. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C<br>Marine Transceiver Display. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C   |
| DT Land VHF                   | DT522<br>DT525<br>DT822<br>DT825<br>DT922<br>DT925       | 0.435          | kg   | DMR/Analogue Land Transceiver Displayless. IECEx Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Display. IECEx Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Displayless. ATEX II 2G Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Display. ATEX II 2G Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Displayless. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Display. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C |
| DT Land UHF                   | DT582<br>DT585<br>DT882<br>DT885<br>DT982<br>DT985       | 0.435          | kg   | DMR/Analogue Land Transceiver Displayless. IECEx Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Display. IECEx Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Displayless. ATEX II 2G Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Display. ATEX II 2G Ex ib IIA T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Displayless. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C<br>DMR/Analogue Land Transceiver Display. ATEX II 2G Ex ib IIC T4 Gb Ta= -20C to +40C |
| DX Marine UHF                 | DX482M<br>DX485M   | 0.267          | kg   | DMR/Analogue Marine Transceiver, Displayless<br>DMR/Analogue Marine Transceiver, Display   |
| DX Land VHF                   | DX422<br>DX425   | 0.267          | kg   | DMR/Analogue Land Transceiver, Displayless<br>DMR/Analogue Land Transceiver, Display   |
| DX Land UHF                   | DX482<br>DX485   | 0.267          | kg   | DMR/Analogue Land Transceiver, Displayless<br>DMR/Analogue Land Transceiver, Display   |
| DX-IS Marine VHF              | DX542-IS<br>DX544-IS                                     | 0.289          | kg   | Marine Transceiver Displayless. UL913 intrinsically safe approved<br>Marine Transceiver Display. UL913 intrinsically safe approved   |
| DX-IS Marine UHF              | DX582M-IS<br>DX585M-IS                                   | 0.289          | kg   | Marine Transceiver Displayless. UL913 intrinsically safe approved<br>Marine Transceiver Display. UL913 intrinsically safe approved   |
| DX-IS Land VHF                | DX522-IS<br>DX525-IS                                     | 0.289          | kg   | DMR/Analogue Land Transceiver, Displayless, UL913 intrinsically safe approved<br>DMR/Analogue Land Transceiver, Display, UL913 intrinsically safe approved   |
| DX-IS Land UHF                | DX582-IS<br>DX585-IS                                     | 0.289          | kg   | DMR/Analogue Land Transceiver, Displayless, UL913 intrinsically safe approved<br>DMR/Analogue Land Transceiver, Display, UL913 intrinsically safe approved   |
| HT700 Land VHF                | HT722<br>HT723<br>HT725<br>HT726                         | 0.277          | kg   | Analogue Land Transceiver, Displayless, 3keys<br>Analogue Land Transceiver, Display, 3keys<br>Analogue Land Transceiver, Display, 8 keys<br>Analogue Land Transceiver, Display, 20 keys  |
| HT700 Land UHF                | HT782<br>HT783<br>HT785<br>HT786                         | 0.277          | kg   | Analogue Land Transceiver, Displayless, 3keys<br>Analogue Land Transceiver, Display, 3keys<br>Analogue Land Transceiver, Display, 8 keys<br>Analogue Land Transceiver, Display, 20 keys  |
| HT644 Marine VHF              | HT644  | 0.277          | kg   | Marine Transceiver, Display, 7keys   |
| HT649 Marine VHF              | HT649  | 0.277          | kg   | GMDSS MED approved, Display, 7keys   |

|               |            |      |    |   |
|---------------|------------|------|----|---|
| Battery Packs | CNB450E    | 0.12 | kg | 2200mAh Rechargeable Lithium-Ion Battery Pack with belt Clip                          |
|               | CNB750E    | 0.12 |    | 2200mAh Rechargeable Lithium-Ion Battery Pack with belt Clip                          |
|               | CNB450E-IS | 0.12 |    | 2200mAh Rechargeable Lithium-Ion Battery Pack with belt Clip                          |
|               | CNB550EV2  | 0.13 |    | 1800mAh Rechargeable Lithium-Ion Battery Pack with belt Clip                          |
|               | CNB950EV2  | 0.13 |    | 1800mAh Rechargeable Lithium-Ion Battery Pack with belt Clip                          |
|               | CLB750G    | 0.14 |    | Primary Lithium battery pack with belt Clip   |
|               | CLB850FF   | 0.16 |    | ATEX approved emergency one-shot battery pack with rear clip (DT844FF & DT885FF only) |

<Material Information>

This material information shows the amount of hazardous materials contained in 

|   |
|---|
| 1 |
|---|

|       |
|-------|
| Unit  |
| piece |

| Table  | Material Name   | Threshold level              | Present above threshold level | IF YES Material Mass |      | IF YES Information on where it is used |  |
|--|---|------------------------------|-------------------------------|----------------------|------|--|--|
|  |   |                              | Yes / No                      | Amount               | Unit |  |  |
| Table A<br>(materials listed in appendix 1 of the Convention)    | Asbestos  | 0.10%                        | No                            |                      |      |  |  |
|  | Polychlorinated Biphenyls (PCBs)                      | 50mg/kg                      | No                            |                      |      |  |  |
|  | Ozone depleting Substances                            | Chlorofluorocarbons (CFCs)   | no threshold level            | No                   |      |  |  |
|  |   | Halons                       |                               | No                   |      |  |  |
|  |   | Other fully Halogenated CFCs |                               | No                   |      |  |  |
|  |   | Carbon Tetrachloride         |                               | No                   |      |  |  |
|  |   | 1,1,1-Trichloroethane        |                               | No                   |      |  |  |
|  |   | Hydrochlorofluorocarbons     |                               | No                   |      |  |  |
|  |   | Hydrobromofluorocarbons      |                               | No                   |      |  |  |
|  |   | Methyl Bromide               |                               | No                   |      |  |  |
| Bromochloromethane   | No  |                              |                               |                      |      |  |  |
| Anti-fouling systems containing organotin compounds as a biocide | 2,500 mg total tin/kg                                 | No                           |                               |                      |      |  |  |
| Table B **<br>(materials listed in appendix 2 of the Convention) | Cadmium and Cadmium Compounds                         | 100 mg/kg                    | No                            |                      |      |  |  |
|  | Hexavalent Chromium and Hexavalent Chromium Compounds | 1000 mg/kg                   | No                            |                      |      |  |  |
|  | Lead and Lead Compounds                               | 1000 mg/kg                   | No                            |                      |      |  |  |
|  | Mercury and Mercury Compounds                         | 1000 mg/kg                   | No                            |                      |      |  |  |
|  | Polybrominated Biphenyl (PBBs)                        | 50 mg/kg                     | No                            |                      |      |  |  |
|  | Polybrominated Diphenyl Ether (PBDEs)                 | 1000 mg/kg                   | No                            |                      |      |  |  |
|  | Polychloronaphthalenes (Cl>=3)                        | 50 mg/kg                     | No                            |                      |      |  |  |
|  | Radioactive substances                                | no threshold level           | No                            |                      |      |  |  |
| Certain Shortchain Chlorinated Paraffins                         | 1%  | No                           |                               |                      |      |  |  |
| Annex II***<br>(Additional Materials)                            | Perfluorooctane sulfonic acid (PFOS)                  | 10 mg/kg****                 | No                            |                      |      |  |  |
|  | Brominated 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 Practice 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 0.1% by weight calculated with 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/m<sup>2</sup> of the coated material.

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