14.4 Volts. 2 Ah. 320 grams.



## Section 1. Product and Company Identification.

1.1 Model Number; 1.2 Description; CP6002 v1 Cordless Ratchet Wrench 14.4V 2Ah Lithium-ion 3/8"Sq Drive 68Nm 4-Pole Motor

#### 1.3 Manufacturer;

Sealey Group. Kempson Way, Bury St. Edmunds, Suffolk. IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 20 March 2015

### Section 2. Hazards Identification.

**2.1** Classification of the substance or mixture. This product is not considered a hazard when used correctly.

**2.2** Label elements. Not relevant to the product as stated in 1.1 and 1.2.

2.3 Other hazards.

- H301 Toxic if swallowed
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H350 May cause cancer
- H372 Causes damage to organs through prolonged or repeated exposure
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

This Safety Data Sheet covers the hazards and information of the materials contained within the article.

Under normal conditions of use these chemicals are not anticipated to be exposed.

In the event the product is damaged or mishandled, substances within this product may be reactive with water, air, and are flammable if released.

Thermal decomposition of this product may generate corrosive, and toxic vapours.

In particular Hydrofluoric acid may be released in the case of open cells.

Hydrofluoric acid can cause severe chemical burns, is toxic by all routes of exposure, and is very reactive.

Avoid extremely high or low temperatures, keep away from incompatible materials.

Do not open, puncture, damage, or incinerate container.



## Section 3. Substances.

|                                    |                          |                   | Classification  |                   |
|------------------------------------|--------------------------|-------------------|-----------------|-------------------|
| 3.1 Chemical Name (substance)      | 3.1 CAS No.              | 3.2 Concentration | Hazard Class &  | Hazard Statements |
|                                    |                          |                   | Category Code   |                   |
| Manganese dioxide                  | 1313-13-9                | <30%              | Acute Tox. 4    | H332              |
|                                    |                          |                   | Acute Tox. 4    | H302              |
|                                    |                          |                   | Xn; R20/22      |                   |
| Carbon                             | 7440-44-0                | <30%              | -               | -                 |
| Nickel oxide                       | 1313-99-1                | <30%              | Skin Sens. 1    | H350i             |
|                                    |                          |                   | Aquatic         | H317              |
|                                    |                          |                   | Chronic 4       | H413              |
|                                    |                          |                   | Carc. Cat. 1;   |                   |
|                                    |                          |                   | R49             |                   |
|                                    |                          |                   | R43             |                   |
|                                    |                          |                   | R53             |                   |
| Cobalt(II) oxide                   | 1307-96-6                | <30%              | Acute Tox. 4    | H302              |
|                                    |                          |                   | Skin Sens. 1    | H317              |
|                                    |                          |                   | Aquatic Acute 1 | H400              |
|                                    |                          |                   | Aquatic         | H410              |
|                                    |                          |                   | Chronic 1       |                   |
| Floatroluto                        | See composition          |                   | Xn; R22 R43     |                   |
| Electrolyte                        | See composition<br>below |                   |                 |                   |
| Phosphate(1-), hexafluoro-, lithiu | m 21324-40-3             |                   | -               | -                 |
| Dimethyl carbonate                 | 616-38-6                 |                   | -               | -                 |
| Carbonate, methyl ethyl            | 623-53-0                 | <20%              | -               | -                 |
| Ethylene carbonate                 | 96-49-1                  |                   | -               | -                 |
| 1,1-Difluoroethylene polymer       | 24937-79-9               | <10%              | -               | -                 |
| Aluminium and inert materials      | -                        | 5-10%             | -               | -                 |
| Aluminium Foil                     | 7429-90-5                | 2-10%             | -               | -                 |
| Copper                             | 7440-50-8                | 2-10%             | -               | -                 |

For full text of Phrases and Statements, see Section 16.



### Section 4. First Aid Measures.

Lithium Batteries do not pose a risk to eyes or skin under normal circumstances. In the case of contact with internal substances;

4.1 Description of first aid measures

#### Inhalation

If breathing difficulties develop, remove the person to fresh air.

Loosen close fitting clothing.

Ensure that person is warm.

If mouth to mouth resuscitation is necessary, the person conducting this must takes steps to reduce the risk of contamination from toxic / corrosive substances that may be present.

#### Skin Contact

Remove contaminated clothing.

Flush affected area(s) with copious amounts of water for at least 15 minutes.

Get medical attention.

#### Eye Contact

Irrigate eyes with water for at least 15 minutes while raising eyelid(s).

Get medical attention.

#### Ingestion

If swallowed, do not induce vomiting. Give large amounts of water but *do not* do this is casualty is unconscious.

Protection of First Aiders:

Use personal protective equipment. Avoid contact with skin, eyes and clothing.

4.2. Most important symptoms and effects, both acute and delayed

Under normal conditions of use there are no physical or health hazards associated with this product.

The following symptoms apply in the event exposure to materials within this product.

Contact materials within this product may cause immediate severe irritation progressing quickly to chemical burns. Materials within this product may cause cancer.

Exposure to materials within this product may produce an allergic reaction.

Materials within this product causes damage to organs through prolonged or repeated exposure.

**Symptoms/Injuries After Inhalation:** Exposure to materials housed in battery cells may cause allergy or asthma symptoms or breathing difficulties.

Inhalation may cause immediate severe irritation progressing quickly to chemical burns.

**Symptoms/Injuries After Skin Contact:** Exposure to materials housed in battery cells may cause an allergic skin reaction, may cause chemical burns.

**Symptoms/Injuries After Eye Contact:** Exposure to materials housed in battery cells causes serious eye damage. **Symptoms/Injuries After Ingestion:** Toxic if materials housed in battery cells are swallowed.

**4.3.** Indication of any immediate medical attention and special treatment needed

If exposed to materials encased within the product get medical attention immediately.

## Section 5. Fire Fighting Measures.



#### **Recommended practice;**

Always ensure that Personal Protection Equipment (PPE) is used.

If a battery becomes hot, immediately remove it from flammable materials and place on a non-combustible surface. If possible, place a disintegrating device outdoors and allow it to burn out.

Fire condition; NB; ensure that electrical devices are turned off. Prevent electric shock risk.

If any batteries are burning, water may not extinguish them, but will cool the adjacent batteries and control the spread of fire.

5.1. Extinguishing media

#### Extinguishers;

Only use Graphite based CO<sub>2</sub> (Carbon dioxide), Dry Powder or Foam. Copper powder fire extinguishers, sand, dry ground dolomite or soda ash may also be used. These materials act as smothering agents.

If possible, use a LITH-X (powdered graphite) extinguisher on small fires. This material acts as a smothering agent. A sodium chloride powder extinguisher IS NOT suitable for use on Lithium Batteries.

It may not be possible to extinguish burning lithium batteries. Burning batteries will burn themselves out. <u>Do not use water</u> with **LITH-X (powdered graphite)**.

• If a LITH-X (powdered graphite) extinguisher is not available;

Use copious amounts of water in a fine spray to swamp a fire.

Continue to use copious amounts of water until the fire is extinguished and the batteries are cooled. NB: **Lithium reacts with water to form Hydrogen.** The fire will not be extinguished immediately. Be aware of the increased risk of explosion.

NB; fire-fighting water runoff may be corrosive / toxic and may cause adverse environmental impact.

#### 5.2. Special hazards arising from the substance or mixture

**Explosion hazard;** if heated above 125°C (257°F) cells can explode.

Hazard characteristics; thermal decomposition can lead to the release of toxic fumes.

Hazardous combustion products; carbon dioxide, carbon monoxide, lithium oxide fumes.

Thermal decomposition generates: corrosive vapours, flammable gas, toxic gas, hydrofluoric acid. Product itself is stable.

If the product is damaged or opened; can release hydrofluoric acid on contact with water which can cause severe chemical burns, is toxic by all routes of exposure, and is very reactive.

5.3. Advice for fire-fighters

Fragments may be ejected from a fire.

Fire Fighters should wear self-contained breathing apparatus and appropriate Personal Protective Equipment.

# Section 6. Accidental Release Measures.



**6.1.** Personal precautions, protective equipment and emergency procedures In the event of battery rupture and leakage,

- ventilate the area.
- wear appropriate protective clothing (see Section 7) to prevent eye and skin contact and to prevent inhalation of vapours or fumes.
- remove sources of ignition.

**6.2.** Environmental precautions No information available.

6.3. Methods and material for containment and cleaning up
Absorb released materials with inert absorbent (dry sand or soil).
Collect released materials into sealed plastic bag or container.
Prevent material from contaminating soil or entering sewers or waterways.
Do not dispose of released materials with domestic waste
Do not allow product to enter ground water, water course or sewerage system.
Dispose of released materials in accordance with local authority regulations.

**6.4.** Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

### Section 7. Handling and Storage.

7.1. Precautions for safe handling

Never dismantle or modify a battery.

Do not short circuit a battery. A short circuit causes heating and can lead to ignition of surrounding materials. Physical contact with a short-circuited battery can cause skin burn.

When charging the battery, use dedicated chargers and follow the specified conditions.

Improperly charging a battery may cause the battery to combust.

Lithium batteries for transport by air in a state of charge must have no more than 30% charge of their rated capacity.

7.2. Conditions for safe storage, including any incompatibilities
Always store batteries in an appropriate container to prevent contact with conductive materials.
Do not allow contact with water.
Store in original container. Keep container tightly closed.
Store in a dry, cool place.
Store at 20 °C (68°F); room temperature
Store away from ignition sources, heat, and incompatible materials.

7.3. Specific end use(s)

Intended for use as the battery for the Model Number identified in 1.1 with Description stated in 1.2.



# Section 8. Exposure Controls/Personal Protection.

8.1. Control parametersIn the event of battery rupture and leakage:Ventilate the area.Remove sources of ignition.

#### 8.2. Exposure controls

The use of Personal Protective Equipment (PPE) is not necessary under conditions of normal use. If handling a leaking or ruptured battery, ensure that the following Personal Protective Equipment (PPE) is used.

**Eye/Face Protection** Chemical grade full face shield

#### **Skin Protection**

Acid resistant, natural rubber or neoprene gloves. Protective rubber apron Appropriate Personal Protection with long sleeves and long trousers.

#### **Respiratory Protection**

Acid gas filter mask or self-contained breathing apparatus.



## Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties The following information is not a technical specification or sales specification. (a) Appearance: Solid battery cell. (b) Odour: Odourless. (c) Odour threshold; Not relevant to product as stated in 1.1 / 1.2. (d) pH: No information available. (e) Melting point/freezing point; Not relevant to product as stated in 1.1 / 1.2. (f) Initial boiling point and boiling range; Not relevant to product as stated in 1.1 / 1.2. (g) Flash point; No information available. (h) Evaporation rate; Not relevant to product as stated in 1.1 / 1.2. (i) Flammability (solid, gas); No information available. (j) Upper/lower flammability or explosive limits; No information available. (k) Vapour pressure; Not relevant to product as stated in 1.1 / 1.2. Not relevant to product as stated in 1.1 / 1.2. (I) Vapour density; (m) Relative density; Not relevant to product as stated in 1.1 / 1.2. (n) Solubility(ies); Insoluble in water. (o) Partition coefficient: n-octanol/water; Not relevant to product as stated in 1.1 / 1.2. (p) Auto-ignition temperature; No information available. (q) Decomposition temperature; No information available. Not relevant to product as stated in 1.1 / 1.2. (r) Viscosity; (s) Explosive properties; If heated above 125°C (257°F) cells can explode. No information available. (t) Oxidising properties.

9.2 Other information No information available.

## Section 10. Stability and Reactivity.

#### 10.1. Reactivity

Thermal decomposition generates: corrosive vapours, flammable gas, toxic gas, hydrofluoric acid. Product itself is stable but, if damaged or opened, can release hydrofluoric acid on contact with water which can cause severe chemical burns, is toxic by all routes of exposure, and is very reactive. 10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal conditions.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

Damaging, puncturing, or opening the battery cell.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers, water, seawater, moisture.

10.6. Hazardous decomposition products

Thermal decomposition generates: carbon oxides (CO, CO2), corrosive vapours, toxic vapours. Can also release hydrofluoric acid on contact with water which can cause severe chemical burns, is toxic by all routes of exposure, and is very reactive.

### Section 11. Toxicological Information.



#### 11.1. Information on toxicological effects

The information below reflects the hazards of the individual ingredients within the product which, if the product damaged, may be released.

| Manganese dioxide (1313-13-9) | LD50 Oral Rat              | 9000 mg/kg    |
|-------------------------------|----------------------------|---------------|
| Dimethyl carbonate (616-38-6) | LD50 Oral Rat              | 13000 mg/kg   |
|                               | LD50 Dermal Rabbit         | > 5 g/kg      |
|                               | LC50 Inhalation Rat (mg/l) | 140 mg/l/4h   |
| Carbon (7440-44-0)            | LD50 Oral Rat              | > 10000 mg/kg |
| Nickel oxide (1313-99-1)      | LD50 Oral Rat              | > 5000 mg/kg  |

**Symptoms/Injuries After Inhalation:** Exposure to materials housed in battery cells: may cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause immediate severe irritation progressing quickly to chemical burns.

**Symptoms/Injuries After Skin Contact:** Exposure to materials housed in battery cells: may cause an allergic skin reaction, may cause chemical burns.

**Symptoms/Injuries After Eye Contact:** Exposure to materials housed in battery cells: Causes serious eye damage. **Symptoms/Injuries After Ingestion:** Exposure to materials housed in battery cells: toxic if swallowed.

## Section 12. Ecological Information.



#### 12.1. Toxicity

Ecotoxicological information applies to the materials encased within the product. Very toxic to aquatic life with long lasting effects.

| Copper (7440-50-8)                 |   |
|------------------------------------|---|
| LC50 Fish 1                        | 0.0068 (0.0068 - 0.0156) mg/l (Exposure time: 96 h - Species: Pimephales          |
|                                    | promelas)   |
| EC50 Daphnia 1                     | 0.03 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                 |
| EC50 Other Aquatic Organisms 1     | 0.0426 (0.0426 - 0.0535) mg/l (Exposure time: 72 h - Species: Pseudokirchneriella |
|                                    | subcapitata [static])   |
| LC 50 Fish 2                       | 0.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])            |
| EC50 Other Aquatic Organisms 2     | 0.031 (0.031 - 0.054) mg/l (Exposure time: 96 h - Species: Pseudokirchneriella    |
|                                    | subcapitata [static])   |
| Nickel oxide (1313-99-1)           |   |
| LC50 Fish 1                        | > 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])            |
| EC50 Daphnia 1                     | > 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)                         |
| EC50 Other Aquatic Organisms 1     | > 127.3 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)     |
| 12.2 Persistence and degradability |   |

12.2. Persistence and degradability

| Rechargeable Lithium Ion Battery Pack |  |  |
|---------------------------------------|--|--|
| Persistence and Degradability         | May cause long-term adverse effects in the |  |
|                                       | environment.                               |  |
| Copper (7440-50-8)                    |  |  |
| Persistence and Degradability         | Not readily biodegradable.                 |  |
| 12.3. Bioaccumulative potential       |  |  |
| Rechargeable Lithium Ion Battery Pack |  |  |
| Bioaccumulative Potential             | Not established.                           |  |
| Manganese dioxide (1313-13-9)         |  |  |
| BCF fish 1                            | (no bioaccumulation expected)              |  |
| Log Pow                               | < 0 (at 20 °C)                             |  |

**12.4.** Mobility in soil No information available.

**12.5.** Results of PBT and vPvB assessment No information available.

**12.6.** Other adverse effects Avoid release to the environment.

### Section 13. Disposal Considerations.

Disposal of the battery must be in accordance with local authority regulation requirements for hazardous waste treatment and hazardous waste transportation.

The battery should be completely discharged prior to disposal and the terminals taped or capped to prevent short circuit.

Do not dispose of batteries at landfill sites. Do not incinerate batteries.

# Section 14. Transport Information.



| <b>14.1.</b> UN number  | UN 3481   |  |  |  |
|---|---|--|--|--|
| <b>14.2.</b> Name and Description   | Lithium ion batteries packed with equipment   |  |  |  |
|   | Label   | 9  |  |  |
|   | Special Provisions  | 188 230 348 376 377 360 636  |  |  |
|   | Limited Quantities  | 0  |  |  |
|   | Excepted Quantities   | EO   |  |  |
|   | Packing Instructions  | P903 P908 P909 LP903 LP904   |  |  |
|   | Special Packaging Provisions  | -  |  |  |
| 14.3. Transport hazard class(es)  | Class   | 9  |  |  |
|   | Classification Code   | M4   |  |  |
|   | Transport Category  | 2  |  |  |
|   | Tunnel restriction code   | E  |  |  |
| <b>14.4.</b> Packing group  | P903 P908 P909 LP903 LP904  |  |  |  |
| 14.5. Environmental hazards   | Does not present an environn  |  |  |  |
| <b>14.6.</b> Special precautions for user   | No special precautions necess   | ary.   |  |  |
| IATA. International Air Transport Association.  |   |  |  |  |
| <b>14.1.</b> UN number  | UN 3481   |  |  |  |
| 14.2. UN Proper Shipping Name/Description   | Lithium ion batteries packed with equipment   |  |  |  |
|   | Hazard Label.   | Miscellaneous  |  |  |
|   | Excepted Quantity   | EO   |  |  |
|   | Packaging Instructions Passe  | -  |  |  |
|   | Ltd Q   | •  |  |  |
|   | Cargo   |  |  |  |
|   | ERG C   | Code 9F  |  |  |
|   |   |  |  |  |
|   | Special Provisions  | A88 A99 A154 A164<br>A181 A185   |  |  |
| <b>14.3.</b> Transport hazard class(es)   | Special Provisions<br>Class or Division   |  |  |  |
| 14.4. Packing group   | Class or Division   | A181 A185<br>9   |  |  |
| <ul><li><b>14.4.</b> Packing group</li><li><b>14.5.</b> Environmental hazards</li></ul>   | Class or Division<br>-<br>Does not present an environn  | A181 A185<br>9<br>nental hazard.   |  |  |
| 14.4. Packing group   | Class or Division   | A181 A185<br>9<br>nental hazard.   |  |  |
| <ul><li><b>14.4.</b> Packing group</li><li><b>14.5.</b> Environmental hazards</li></ul>   | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess   | A181 A185<br>9<br>nental hazard.   |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>IMDG. International Maritime Dangerous Good</li> <li>14.1. UN number</li> </ul>  | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br>ds.<br>UN 3481   | A181 A185<br>9<br>nental hazard.<br>sary.  |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>IMDG. International Maritime Dangerous Good</li> </ul>   | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed v   | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment  |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> </ul>   | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions   | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957                                   |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> </ul>   | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br><u>ds.</u><br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities  | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0                              |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> </ul>   | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br><u>ds.</u><br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities   | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0<br>E0                        |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> </ul>   | Class or Division<br>-<br>Does not present an environm<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities<br>Packaging Instructions  | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0                              |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> </ul>  | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities<br>Packaging Instructions<br>Packing Provisions  | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0<br>E0<br>P903<br>-           |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> </ul>   | Class or Division<br>-<br>Does not present an environn<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities<br>Packaging Instructions<br>Packing Provisions<br>Class or Division   | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0<br>E0                        |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> </ul>  | Class or Division<br>-<br>Does not present an environm<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities<br>Packaging Instructions<br>Packing Provisions<br>Class or Division<br>Subsidiary Risk(s)   | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0<br>E0<br>P903<br>-           |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li><u>IMDG. International Maritime Dangerous Good</u></li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>14.4. Packing group</li> </ul>                               | Class or Division<br>Does not present an environm<br>No special precautions necess<br>ds.<br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities<br>Packaging Instructions<br>Packing Provisions<br>Class or Division<br>Subsidiary Risk(s)<br>II  | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0<br>E0<br>P903<br>-<br>9<br>- |  |  |
| <ul> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>IMDG. International Maritime Dangerous Good</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> </ul> | Class or Division<br>Does not present an environn<br>No special precautions necess<br><u>ds.</u><br>UN 3481<br>Lithium ion batteries packed w<br>Special Provisions<br>Limited Quantities<br>Excepted Quantities<br>Packaging Instructions<br>Packing Provisions<br>Class or Division<br>Subsidiary Risk(s)<br>II<br>Does not present an environn | A181 A185<br>9<br>nental hazard.<br>sary.<br>with equipment<br>188 230 348 360 957<br>0<br>E0<br>P903<br>-<br>9<br>- |  |  |
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## Section 15. Regulatory Information.

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture No information available.

**15.2.** Chemical safety assessment No information available.

### Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H302 Harmful if swallowed
H317 May cause an allergic skin reaction
H332 Harmful if inhaled
H350 May cause cancer
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H413 May cause long lasting harmful effects to aquatic life

R20 Harmful by inhalation

R22 Harmful if swallowed

R43 May cause sensitisation by skin contact

R49 May cause cancer by inhalation

R53 May cause long-term adverse effects in the aquatic environment

The above information is believed to be accurate and represents the best information currently available. No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

| Issue level | Date     | Revisions    |
|-------------|----------|--------------|
| 1           | 04/05/16 | First issue. |
|             |          |              |
|             |          |              |
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End of Safety Data Sheet.

