

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 15.12.2023 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### **1.1. Product identifier**

| Article     fan remote control with button cell CR2025     FNST16CWT40  |
|---|
| <br><ul> <li>SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium metal is less than 2 gram.</li> </ul> |

#### **1.2.** Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

| : Consumer use                          |
|---|
| : Electrical batteries and accumulators |
|   |

#### 1.2.2. Uses advised against

Restrictions on use

: Do not open batteries

### 1.3. Details of the supplier of the safety data sheet

Nedis B.V. De Tweeling 28 5215MC 's Hertogenbosch – The Netherlands T +31 735991055 www.nedis.com

#### **1.4. Emergency telephone number**

No additional information available

## SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 Full text of H- and EUH-statements: see section 16 H302

#### Adverse physicochemical, human health and environmental effects

Harmful if swallowed.

#### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

| Signal word (CLP)              | :-   |
|--------------------------------|--|
| Contains                       | : manganese dioxide; lithium                               |
| Hazard statements (CLP)        | : H302 - Harmful if swallowed.                             |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.                    |
|                                | P270 - Do not eat, drink or smoke when using this product. |
|                                |  |

#### 2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

| Component                      |   |
|--------------------------------|---|
| 1,2-dimethoxyethane (110-71-4) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

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| Component                     |   |
|-------------------------------|---|
| Lead (7439-92-1)              | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII  |
| Cadmium (7440-43-9)           | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII  |
| Component                     |   |
| 1,2-dimethoxyethane(110-71-4) | The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 |
| Lead(7439-92-1)               | The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 |
| Cadmium(7440-43-9)            | The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 |

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

#### Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %     | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|--|---|-------|---|
| Iron   | CAS-No.: 7439-89-6<br>EC-No.: 231-096-4                               | 57,41 | Not classified  |
| manganese dioxide  | CAS-No.: 1313-13-9<br>EC-No.: 215-202-6<br>EC Index-No.: 025-001-00-3 | 29,79 | Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Oral), H302          |
| Lithium perchlorate  | CAS-No.: 7791-03-9<br>EC-No.: 232-237-2                               | 3,92  | Ox. Liq. 1, H271<br>Acute Tox. 4 (Oral), H302<br>Skin Corr. 1, H314   |
| propylene carbonate  | CAS-No.: 108-32-7<br>EC-No.: 203-572-1<br>EC Index-No.: 607-194-00-1  | 2,83  | Eye Irrit. 2, H319  |
| POLYPROPYLENE  | CAS-No.: 9003-07-0  | 2,46  | Not classified  |
| lithium  | CAS-No.: 7439-93-2<br>EC-No.: 231-102-5<br>EC Index-No.: 003-001-00-4 | 1,71  | Water-react. 1, H260<br>Skin Corr. 1B, H314                           |
| 1,2-dimethoxyethane<br>substance listed as REACH Candidate (1, 2-<br>dimethoxyethane; ethylene glycol dimethyl ether<br>(EGDME)) | CAS-No.: 110-71-4<br>EC-No.: 203-794-9                                | 1,16  | Not classified  |
| Graphite   | CAS-No.: 7782-42-5  | 0,21  | Not classified  |
| Polytetrafluoroethylene  | CAS-No.: 9002-84-0<br>EC-No.: 618-337-2                               | 0,21  | Not classified  |

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| Name   | Product identifier                      | %        | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|--|---|----------|---|
| Lead<br>substance listed as REACH Candidate    | CAS-No.: 7439-92-1<br>EC-No.: 231-100-4 | ≤ 0,001  | Not classified  |
| Cadmium<br>substance listed as REACH Candidate | CAS-No.: 7440-43-9<br>EC-No.: 231-152-8 | ≤ 0,001  | Not classified  |
| Mercury  | CAS-No.: 7439-97-6<br>EC-No.: 231-106-7 | ≤ 0,0001 | Not classified  |

Full text of H- and EUH-statements: see section 16

| SECTION 4: First aid measures          |   |  |
|--|---|--|
| 4.1. Description of first aid measures |   |  |
| First-aid measures general             | : Call a poison center or a doctor if you feel unwell.  |  |
| First-aid measures after inhalation    | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. |  |
| First-aid measures after skin contact  | : Wash skin with plenty of water.   |  |
| First-aid measures after eye contact   | : Rinse eyes with water as a precaution.  |  |
| 4.2. Most important symptoms and ef    | fects, both acute and delayed   |  |
| No additional information available    |   |  |

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

Treat symptomatically.

| SECTION 5: Firefighting measures                           |  |  |
|--|--|--|
| 5.1. Extinguishing media                                   |  |  |
| Suitable extinguishing media                               | : Dry powder. Foam.  |  |
| 5.2. Special hazards arising from the substance or mixture |  |  |
| Hazardous decomposition products in case of fire           | : Toxic fumes may be released.   |  |
| 5.3. Advice for firefighters                               |  |  |
| Protection during firefighting                             | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |  |

| SECTION 6: Accidental release measures                     |   |  |
|--|---|--|
| 6.1. Personal precautions, protective ed                   | quipment and emergency procedures   |  |
| 6.1.1. For non-emergency personnel<br>Emergency procedures | : Ventilate spillage area.  |  |
| 6.1.2. For emergency responders                            |   |  |
| Protective equipment                                       | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |  |
|  |   |  |

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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| 6.3. Methods and material for containment and cleaning up |   |
|---|---|
| Methods for cleaning up<br>Other information              | <ul><li>Mechanically recover the product.</li><li>Dispose of materials or solid residues at an authorized site.</li></ul> |
| 6.4. Reference to other sections                          |   |

For further information refer to section 13.

| SECTION 7: Handling and storage                                   |  |  |
|---|--|--|
| 7.1. Precautions for safe handling                                |  |  |
| Precautions for safe handling                                     | : Wear personal protective equipment. Ensure good ventilation of the work station. Do not allow contact with water.  |  |
| Hygiene measures  | : Do not eat, drink or smoke when using this product.  |  |
| 7.2. Conditions for safe storage, including any incompatibilities |  |  |
| Storage conditions  | : Store in a closed container. Keep container tightly closed. Store locked up. Protect from moisture. Store in a dry place. Store in a well-ventilated place. Keep cool. |  |
| Storage temperature   | : < 70 °C  |  |
| 7.3. Specific end use(s)  |  |  |

No additional information available

#### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

No additional information available

#### 8.2.2.2. Skin protection

No additional information available

### 8.2.2.3. Respiratory protection

No additional information available

#### 8.2.2.4. Thermal hazards

No additional information available

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#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

| SECTION 9: Physical and chemical properties  |   |  |  |  |
|--|---|--|--|--|
| 9.1. Information on basic physical and ch  | emical properties   |  |  |  |
| Physical state<br>Colour<br>Odour<br>Odour threshold<br>Melting point                                | <ul> <li>Solid</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> </ul>  |  |  |  |
| Freezing point<br>Boiling point<br>Flammability<br>Lower explosion limit<br>Upper explosion limit    | <ul> <li>Not applicable</li> <li>Not available</li> <li>In contact with water releases flammable gases which may ignite spontaneously.</li> <li>Not applicable</li> <li>Not applicable</li> </ul> |  |  |  |
| Flash point<br>Auto-ignition temperature<br>Decomposition temperature<br>pH                          | <ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not available</li> <li>Not available</li> </ul>  |  |  |  |
| pH solution<br>Viscosity, kinematic<br>Solubility<br>Partition coefficient n-octanol/water (Log Kow) | <ul> <li>Not available</li> <li>Not applicable</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> </ul>  |  |  |  |
| Vapour pressure<br>Vapour pressure at 50°C<br>Density<br>Relative density                            | <ul> <li>Not available</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> </ul>   |  |  |  |
| Relative vapour density at 20°C<br>Particle size   | : Not applicable<br>: Not available   |  |  |  |

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability** 

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. In contact with water releases flammable gases which may ignite spontaneously.

#### **10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7). Water, humidity. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

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## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

| 11.1. Information on hazard classes as def  | ined in Regulation (EC) No 1272/2008  |
|---|---|
| Acute toxicity (oral)<br>Acute toxicity (dermal)<br>Acute toxicity (inhalation)                 | <ul> <li>Harmful if swallowed.</li> <li>Not classified</li> <li>Not classified</li> </ul>   |
| fan remote control with button cell CR202   | 5   |
| ATE CLP (oral)  | 1551,831 mg/kg bodyweight   |
| Graphite (7782-42-5)  |   |
| LD50 oral rat   | > 2000 mg/kg Source: ECHA   |
| LC50 Inhalation - Rat (Dust/Mist)   | > 2000 mg/l Source: ECHA  |
| 1,2-dimethoxyethane (110-71-4)  |   |
| LD50 oral rat   | 5370 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401<br>(Acute Oral Toxicity), 95% CL: 4890 - 5920                |
| LD50 dermal rat   | > 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline<br>402 (Acute Dermal Toxicity)                                 |
| Lead (7439-92-1)  |   |
| LD50 oral rat   | <ul> <li>&gt; 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxici</li> <li>- Acute Toxic Class Method)</li> </ul> |
| LD50 dermal rat   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)  |
| LC50 Inhalation - Rat   | > 5,05 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)  |
| Skin corrosion/irritation<br>Serious eye damage/irritation<br>Respiratory or skin sensitisation | : Not classified<br>: Not classified<br>: Not classified  |
| Germ cell mutagenicity  | : Not classified  |
| Carcinogenicity   | : Not classified  |
| Reproductive toxicity<br>STOT-single exposure   | : Not classified<br>: Not classified  |
| STOT-repeated exposure  | : Not classified  |
| 1,2-dimethoxyethane (110-71-4)  |   |
| NOAEC (inhalation, rat, vapour, 90 days)  | 0,187 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity 28-Day Study)   |
| Aspiration hazard   | : Not classified  |
| fan remote control with button cell CR202   | 5   |
| Viscosity, kinematic  | Not applicable  |
| 1,2-dimethoxyethane (110-71-4)  |   |
| Viscosity, kinematic  | 0,483 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'   |

No additional information available

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| SECTION 12: Ecological information   |  |  |  |  |  |
|--|--|--|--|--|--|
| 12.1. Toxicity   |  |  |  |  |  |
| Ecology - general :<br>Hazardous to the aquatic environment, short-term :<br>(acute)<br>Hazardous to the aquatic environment, long-term :<br>(chronic)<br>Not rapidly degradable | Before neutralisation, the product may represent a danger to aquatic organisms.<br>Not classified<br>Not classified                          |  |  |  |  |
| Graphite (7782-42-5)   |  |  |  |  |  |
| LC50 - Fish [1]  | 100 mg/l Source: ECHA  |  |  |  |  |
| EC50 - Crustacea [1]   | 100 mg/l Source: ECHA  |  |  |  |  |
| ErC50 algae  | 100 mg/l Source: ECHA  |  |  |  |  |
| 1,2-dimethoxyethane (110-71-4)   | 1  |  |  |  |  |
| LC50 - Fish [1]  | > 5000 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)   |  |  |  |  |
| EC50 - Crustacea [1]   | 4000 mg/l Test organisms (species): Daphnia magna  |  |  |  |  |
| EC50 72h - Algae [1]   | 9120 mg/l Test organisms (species): Raphidocelis subcapitata (previous names:<br>Pseudokirchneriella subcapitata, Selenastrum capricornutum) |  |  |  |  |
| NOEC (chronic)   | 320 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |  |  |  |  |
| Lead (7439-92-1)   |  |  |  |  |  |
| LC50 - Fish [1]  | 1170 μg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   |  |  |  |  |
| LC50 - Fish [2]  | 107 μg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  |  |  |  |  |
| Mercury (7439-97-6)  |  |  |  |  |  |
| LC50 - Fish [1]  | 168 μg/l Test organisms (species): Pimephales promelas   |  |  |  |  |
| LC50 - Fish [2]  | 67 μg/l Test organisms (species): Fundulus heteroclitus  |  |  |  |  |
| LOEC (chronic)   | 0,0034 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |  |  |  |  |
| NOEC (chronic)   | 0,0017 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |  |  |  |  |
| Iron (7439-89-6)   |  |  |  |  |  |
| EC50 - Crustacea [1]   | > 100 mg/l Test organisms (species): Daphnia magna   |  |  |  |  |
| EC50 - Crustacea [2]   | > 10000 mg/l Test organisms (species): Daphnia magna   |  |  |  |  |
| 12.2. Persistence and degradability  |  |  |  |  |  |
| No additional information available  |  |  |  |  |  |
| 12.3. Bioaccumulative potential  |  |  |  |  |  |
| No additional information available  |  |  |  |  |  |
| 12.4. Mobility in soil   |  |  |  |  |  |
| No additional information available  |  |  |  |  |  |

| 12.5. Results of PBT and vPvB assessment |   |  |  |
|--|---|--|--|
| Component                                |   |  |  |
| 1,2-dimethoxyethane (110-71-4)           | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |  |  |

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| Component           |   |
|---------------------|---|
| Lead (7439-92-1)    | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Cadmium (7440-43-9) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

## 12.6. Endocrine disrupting properties

**SECTION 13: Disposal considerations** 

No additional information available

12.7. Other adverse effects

No additional information available

13.1. Waste treatment methods

Waste treatment methods

| n accordance with ADR / IME   | DG / IATA / ADN / RID  |   |   |  |
|---|--|---|---|--|
| ADR   | IMDG   | ΙΑΤΑ  | ADN   | RID  |
| 14.1. UN number or ID n   | umber  |   | ,   | -  |
| UN 3091   | UN 3091  | UN 3091   | UN 3091   | UN 3091  |
| 14.2. UN proper shippin   | g name   |   | 1   |  |
| LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT                     | LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT            | Lithium metal batteries packed with equipment                   | LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT             | LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT            |
| Transport document descr  | iption   |   | 1   |  |
| UN 3091 LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT, 9A,<br>(E) | UN 3091 LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT, 9 | UN 3091 Lithium metal<br>batteries packed with<br>equipment, 9A | UN 3091 LITHIUM METAL<br>BATTERIES PACKED<br>WITH EQUIPMENT, 9A | UN 3091 LITHIUM META<br>BATTERIES PACKED<br>WITH EQUIPMENT, 9A |
| 14.3. Transport hazard o  | class(es)  |   |   |  |
| 9A  | 9  | 9A  | 9A  | 9A   |
|   | 2  |   |   |  |
| 14.4. Packing group   |  |   |   |  |
| Not applicable  | Not applicable   | Not applicable  | Not applicable  | Not applicable   |
| 14.5. Environmental haz   | ards   |   | ,   |  |
| Dangerous for the environment: No                                       | Dangerous for the<br>environment: No<br>Marine pollutant: No   | Dangerous for the environment: No                               | Dangerous for the environment: No                               | Dangerous for the environment: No                              |

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| 14.6. Special precautions for user           |   |
|--|---|
| Overland transport                           |   |
| Classification code (ADR)                    | : M4  |
| Special provisions (ADR)                     | : 188, 230, 310, 360, 376, 377, 387, 390, 670   |
| Limited quantities (ADR)                     | : 0   |
| Excepted quantities (ADR)                    | : E0  |
| Packing instructions (ADR)                   | : P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906  |
| Transport category (ADR)                     | : 2   |
| Tunnel restriction code (ADR)                | : E   |
| EAC code                                     | : 4Y  |
| Transport by sea                             |   |
| Special provisions (IMDG)                    | : 188, 230, 310, 360, 376, 377, 384, 387  |
| Limited quantities (IMDG)                    | : 0   |
| Excepted quantities (IMDG)                   | : E0  |
| Packing instructions (IMDG)                  | 2 P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906  |
| EmS-No. (Fire)                               | : F-A   |
| EmS-No. (Spillage)                           | : S-I   |
| Stowage category (IMDG)                      | : A   |
| Stowage and handling (IMDG)                  | : SW19  |
| Properties and observations (IMDG)           | : Electrical batteries containing lithium encased in a rigid metallic body. Lithium batteries may   |
|  | also be shipped in, or packed with, equipment. Electrical lithium batteries may cause fire due to an explosive rupture of the body caused by improper construction or reaction with contaminants. |
| Air transport                                |   |
| PCA Excepted quantities (IATA)               | : E0  |
| PCA Limited quantities (IATA)                | : Forbidden   |
| PCA limited quantity max net quantity (IATA) | : Forbidden   |
| PCA packing instructions (IATA)              | : 969   |
| PCA max net quantity (IATA)                  | : 5kg   |
| CAO packing instructions (IATA)              | : 969   |
| CAO max net quantity (IATA)                  | : 35kg  |
| Special provisions (IATA)                    | : A88, A99, A154, A164, A181, A185, A206, A213, A802  |
| ERG code (IATA)                              | : 12FZ  |
| Inland waterway transport                    |   |
| Classification code (ADN)                    | : M4  |
| Special provisions (ADN)                     | : 188, 230, 310, 360, 376, 377, 387, 390, 670   |
| Limited quantities (ADN)                     | : 0   |
| Excepted quantities (ADN)                    | : E0  |
| Equipment required (ADN)                     | : PP  |
| Number of blue cones/lights (ADN)            | : 0   |
| Rail transport                               |   |
| Classification code (RID)                    | : M4  |
| Special provisions (RID)                     | : 188, 230, 310, 360, 376, 377, 387, 390, 670   |
| Limited quantities (RID)                     | : 0   |
| Excepted quantities (RID)                    | : E0  |
| Packing instructions (RID)                   | : P903, 908, 909, P910, P911, LP903, LP904, LP905, LP906  |
| Transport category (RID)                     | : 2   |
| Colis express (express parcels) (RID)        | : CE2   |
| Hazard identification number (RID)           | : 90  |
|  |   |

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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#### **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

**REACH Annex XVII (Restriction List)** 

Not applicable.

#### **REACH Annex XIV (Authorisation List)**

Not applicable.

#### **REACH Candidate List (SVHC)**

Contains substance(s) listed on the REACH Candidate List in concentrations above or equal to 0.1 %: 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (EC 203-794-9, CAS 110-71-4), Lead (EC 231-100-4, CAS 7439-92-1), Cadmium (EC 231-152-8, CAS 7440-43-9)

#### **PIC Regulation (Prior Informed Consent)**

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): cadmium (nonpyrophoric) (7440-43-9), mercury (7439-97-6)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

#### France

| Occupational diseases |   |  |
|-----------------------|---|--|
| Code                  | Description   |  |
| RG 1                  | Conditions caused by lead and its compounds   |  |
| RG 2                  | Occupational diseases caused by mercury and its compounds   |  |
| RG 25                 | Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal. |  |
| RG 39                 | Occupational diseases caused by manganese dioxide   |  |
| RG 61                 | Occupational diseases caused by cadmium and its compounds   |  |
| RG 61 BIS             | Bronchopulmonary cancer caused by the inhalation of dusts or fumes containing cadmium   |  |
| RG 66                 | Occupational rhinitis and asthma  |  |

#### Germany

Employment restrictions: Observe restrictions according Act on the Protection of Working Mothers (MuSchG).<br/>Observe restrictions according Act on the Protection of Young People in Employment<br/>(JArbSchG).Water hazard class (WGK): WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).<br/>: LGK 11 - Combustible solids.

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| Joint storage table  | :                         | LGK 1                      | LGK 2A         | LGK 2B          | LGK 3           | LGK 4.1A                                       |
|--|---------------------------|----------------------------|----------------|-----------------|-----------------|--|
|  |                           | LGK 4.1B                   | LGK 4.2        | LGK 4.3         | LGK 5.1A        | LGK 5.1B                                       |
|  |                           | LGK 5.1C                   | LGK 5.2        | LGK 6.1A        | LGK 6.1B        | LGK 6.1C                                       |
|  |                           | LGK 6.1D                   | LGK 6.2        | LGK 7           | LGK 8A          | LGK 8B   |
|  |                           | LGK 10                     | LGK 11         | LGK 12          | LGK 13          | LGK 10-13                                      |
| Joint storage not permitted for                                      | :                         | LGK 1, LGK 5               | .1A, LGK 6.2,  | LGK 7.          |                 |  |
| Joint storage with restrictions permitted for                        | :                         | LGK 2A, LGK<br>LGK 6.1B.   | 3, LGK 4.1A, I | _GK 4.2, LGK 4  | .3, LGK 5.1B, I | _GK 5.1C, LGK 5.2, L                           |
| Joint storage permitted for  | :                         | LGK 2B, LGK<br>LGK 13, LGK |                | C, LGK 6.1D, L  | .GK 8A, LGK 8   | B, LGK 10, LGK 11, L                           |
| Hazardous Incident Ordinance (12. BImSchV)                           | :                         | Is not subject             | of the Hazard  | ous Incident Or | dinance (12. Bl | mSchV)   |
| Netherlands  |                           |                            |                |                 |                 |  |
| ABM category   | :                         | ( )                        | 0              |                 |                 | erties for humans and<br>oacumulative potentia |
| SZW-lijst van kankerverwekkende stoffen                              | :                         | Lithium perch              | lorate,Cadmiur | n are listed    |                 |  |
| SZW-lijst van mutagene stoffen                                       |                           | Lithium perch              |                |                 |                 |  |
| SZW-lijst van reprotoxische stoffen – Borstvoeding                   | : Lead,Cadmium are listed |                            |                |                 |                 |  |
| SZW-lijst van reprotoxische stoffen –                                | :                         | 1,2-dimethoxy              | vethane,Lead,C | Cadmium are lis | ited            |  |
| Vruchtbaarheid   |                           |                            |                |                 |                 |  |
| Vruchtbaarheid<br>SZW-lijst van reprotoxische stoffen – Ontwikkeling | :                         | 1,2-dimethoxy              | ethane,Lead,C  | Cadmium,Mercu   | iry are listed  |  |
|  | :                         | 1,2-dimethoxy              | /ethane,Lead,C | Cadmium,Mercu   | iry are listed  |  |

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

| Abbreviations and acronyms: |   |  |
|-----------------------------|---|--|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |  |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |  |
| ATE                         | Acute Toxicity Estimate   |  |
| BCF                         | Bioconcentration factor   |  |
| BLV                         | Biological limit value  |  |
| BOD                         | Biochemical oxygen demand (BOD)   |  |
| COD                         | Chemical oxygen demand (COD)  |  |
| DMEL                        | Derived Minimal Effect level  |  |
| DNEL                        | Derived-No Effect Level   |  |
| EC-No.                      | European Community number   |  |
| EC50                        | Median effective concentration  |  |
| EN                          | European Standard   |  |
| IARC                        | International Agency for Research on Cancer   |  |
| ΙΑΤΑ                        | International Air Transport Association   |  |
| IMDG                        | International Maritime Dangerous Goods  |  |
| LC50                        | Median lethal concentration   |  |
| LD50                        | Median lethal dose  |  |

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| Abbreviations and acronyms: |  |  |
|-----------------------------|--|--|
| LOAEL                       | Lowest Observed Adverse Effect Level   |  |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |  |
| NOAEL                       | No-Observed Adverse Effect Level   |  |
| NOEC                        | No-Observed Effect Concentration   |  |
| OECD                        | Organisation for Economic Co-operation and Development                       |  |
| OEL                         | Occupational Exposure Limit  |  |
| РВТ                         | Persistent Bioaccumulative Toxic   |  |
| PNEC                        | Predicted No-Effect Concentration  |  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |  |
| SDS                         | Safety Data Sheet  |  |
| STP                         | Sewage treatment plant   |  |
| ThOD                        | Theoretical oxygen demand (ThOD)   |  |
| TLM                         | Median Tolerance Limit   |  |
| VOC                         | Volatile Organic Compounds   |  |
| CAS-No.                     | Chemical Abstract Service number   |  |
| N.O.S.                      | Not Otherwise Specified  |  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |  |
| ED                          | Endocrine disrupting properties  |  |

| Full text of H- and EUH-statements: |  |  |
|-------------------------------------|--|--|
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4  |  |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4  |  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |  |
| H260                                | In contact with water releases flammable gases which may ignite spontaneously.         |  |
| H271                                | May cause fire or explosion; strong oxidiser.  |  |
| H302                                | Harmful if swallowed.  |  |
| H314                                | Causes severe skin burns and eye damage.   |  |
| H319                                | Causes serious eye irritation.   |  |
| H332                                | Harmful if inhaled.  |  |
| Ox. Liq. 1                          | Oxidising Liquids, Category 1  |  |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1  |  |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B                                 |  |
| Water-react. 1                      | Substances and Mixtures which, in contact with water, emit flammable gases, Category 1 |  |

#### The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.