

### CUID 1: Sainaithint na substainte / an mheascáin agus na cuideachta / an ghnóthais

#### 1.1. Sainaitheantóir táirge

|                 |                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------|
| Foirm an táirge | : Article                                                                                                           |
| Product name    | : Vacuum Cleaner Battery                                                                                            |
| Cód an táirge   | : VCBT200RD, VCBT400GN, VCBT600BU                                                                                   |
| Type of product | : SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium metal is less than 2 gram. |
| Product group   | : 18650 Lithium Ion Battery                                                                                         |

#### 1.2. Úsáidí ábhartha sainaitheanta na substainte nó an mheascáin agus úsáidí atá dímholta

##### 1.2.1. Úsáidí sainaitheanta ábhartha

Beartaithe le haghaidh an phobail i gcoitinne

Úsáid na substainte / an mheascáin : Electrical batteries and accumulators

##### 1.2.2. Úsáidí dímholta

Restrictions on use : Do not open batteries

#### 1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Nedis B.V.  
De Tweeling 28  
5215MC 's Hertogenbosch – The Netherlands  
T +31 735991055  
[www.nedis.com](http://www.nedis.com)

#### 1.4. Uimhir ghutháin éigeandála

Níl aon fhaisnéis bhreise ar fáil

### CUID 2: Aithint guaiseacha

#### 2.1. Aicmiú na substainte nó an mheascáin

Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]

Not classified

Éifeachtaí díobhálacha fisiceimiceacha, um shláinte an duine agus um an comhshaol

Níl aon fhaisnéis bhreise ar fáil

#### 2.2. Eilimintí lipéid

Lipéadú de réir Rialachán (CE) Uimh. 1272/2008 [CLP]

Contains : lithium nickel dioxide; cobalt lithium nickel oxide; Phosphate(1),hexafluoro-,Lithium; nickel

#### 2.3. Guaiseacha eile

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

#### 3.1. Substaint

Ní bhaineann le hábhar

# Vacuum Cleaner Battery

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### 3.2. Meascán

| Ainm                             | Sainaitheantóir táirge                                                        |     | Aicme de réir Rialachán (CE)<br>Uimh. 1272/2008 [CLP]                                                     |
|----------------------------------|-------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------|
| Graphite                         | Uimh. CAS: 7782-42-5                                                          | 17  |                                                                                                           |
| lithium nickel dioxide           | Uimh. CAS: 12031-65-1<br>Uimh. innéacs CE: 028-057-00-7                       | 16  | Skin Corr. 1, H314<br>Skin Sens. 1, H317<br>Carc. 1A, H350i<br>STOT RE 1, H372<br>Aquatic Chronic 2, H411 |
| aluminium                        | Uimh. CAS: 7429-90-5<br>Uimh. CE: 231-072-3<br>Uimh. innéacs CE: 013-002-00-1 | 12  | Water-react. 2, H261<br>Flam. Sol. 1, H228                                                                |
| Lithium Manganese (III,IV) oxide | Uimh. CAS: 12057-17-9                                                         | 9,6 | Acute Tox. 4 (Bhéil), H302<br>Acute Tox. 4 (Ionanál), H332<br>Aquatic Chronic 4, H413                     |
| copper                           | Uimh. CAS: 7440-50-8                                                          | 8   | Aquatic Chronic 2, H411                                                                                   |
| ethyl methyl carbonate           | Uimh. CAS: 623-53-0<br>Uimh. CE: 433-480-9                                    | 7   | Flam. Liq. 2, H225                                                                                        |
| cobalt lithium nickel oxide      | Uimh. CAS: 12190-79-3                                                         | 6,4 | Repr. 1A, H360                                                                                            |
| POLYETHYLENE TEREPHTHALATE       | Uimh. CAS: 25038-59-9                                                         | 6   |                                                                                                           |
| ETHYLENE CARBONATE               | Uimh. CAS: 96-49-1<br>Uimh. CE: 202-510-0                                     | 4   | Acute Tox. 4 (Bhéil), H302<br>Eye Irrit. 2, H319<br>STOT RE 2, H373                                       |
| Polyvinylidene fluoride resin    | Uimh. CAS: 24937-79-9                                                         | 4   |                                                                                                           |
| POLYETHYLENE                     | Uimh. CAS: 9002-88-4                                                          | 3   |                                                                                                           |
| Phosphate(1),hexafluoro-,Lithium | Uimh. CAS: 21324-40-3                                                         | 2   | Acute Tox. 3 (Bhéil), H301<br>Skin Corr. 1, H314<br>STOT RE 1, H372                                       |
| nickel                           | Uimh. CAS: 7440-02-0<br>Uimh. CE: 231-111-4<br>Uimh. innéacs CE: 028-002-00-7 | 2   | Skin Sens. 1, H317<br>Carc. 2, H351<br>STOT RE 1, H372<br>Aquatic Chronic 3, H412                         |
| Carbon                           | Uimh. CAS: 7440-44-0<br>Uimh. CE: 231-153-3                                   | 2   | Eye Irrit. 2, H319                                                                                        |
| propylene carbonate              | Uimh. CAS: 108-32-7<br>Uimh. CE: 203-572-1<br>Uimh. innéacs CE: 607-194-00-1  | 1   | Eye Irrit. 2, H319                                                                                        |

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

### CUID 4: Bearta garchabhrach

#### 4.1. Cur síos ar na bearta garchabhrach

- Bearta garchabhrach tar éis ionanáilaithe : Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.
- Bearta garchabhrach tar éis teagmhála leis an gcráiceann : Wash skin with plenty of water.
- Bearta garchabhrach tar éis teagmhála leis an tsúil : Rinse eyes with water as a precaution.
- Bearta garchabhrach tar éis iontógála : Call a poison center or a doctor if you feel unwell.

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### 4.2. Na siomptóim agus na héifeachtaí is tábhachtaí, idir shiomptóim ghéarmhíochaine agus shiomptóim mhoillithe

Níl aon fhaisnéis bhreise ar fáil

### 4.3. Léiriú ar aon chóir leighis láithreach agus aon chóir speisialta atá ag teastáil

Treat symptomatically.

## CUID 5: Bearta comhrac dóiteáin

### 5.1. Meáin múchta

Meáin oiriúnacha um múchadh : Water spray. Dry powder. Foam.

### 5.2. Guaiseacha speisialta a eascraíonn as an tsubstaint nó as an meascán

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Comhairle do chomhraiceoirí dóiteáin

Cosaint i rith comhrac dóiteáin : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## CUID 6: Bearta i gcás scaoileadh de thaisme

### 6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

#### 6.1.1. Do phearsanra neamh-éigeandála

Emergency procedures : Ventilate spillage area.

#### 6.1.2. D'fhreagróirí éigeandála

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. Réamhchúraimí comhshaoil

Avoid release to the environment.

### 6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

Modhanna um ghlanadh : Mechanically recover the product.  
Faisnéis eile : Dispose of materials or solid residues at an authorized site.

### 6.4. Tagairt do chodanna eile

For further information refer to section 13.

## CUID 7: Láimhseáil agus stóráil

### 7.1. Réamhchúraimí maidir le láimhseáil shábháilte

Réamhchúraimí maidir le láimhseáil shábháilte : Ensure good ventilation of the work station.  
Bearta sláinteachais : Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid. Always wash hands after handling the product.

### 7.2. Coinníollacha stórála sábháilte, lena n-áirítear aon neamhlúí

Coinníollacha stórála : Stóráil in áit dhea-aeráilte. Coimeád fionnuar é.  
Storage temperature : < 70 °C

### 7.3. Úsáid shonrach deiridh nó úsáid sonracha deiridh

Níl aon fhaisnéis bhreise ar fáil

# Vacuum Cleaner Battery

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### CUID 8: Rialuithe nochta / cosaint phearsanta

#### 8.1. Paraiméadair rialaithe

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

| nickel (7440-02-0)                                 |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                                        |
| Local name                                         | Nickel metal                                                           |
| Remark                                             | (Year of adoption 2011)                                                |
| Regulatory reference                               | SCOEL Recommendations                                                  |
| EU - Biological Limit Value (BLV)                  |                                                                        |
| Local name                                         | Nickel and nickel compounds                                            |
| Regulatory reference                               | SCOEL List of recommended health-based BLVs and BGVs                   |
| copper (7440-50-8)                                 |                                                                        |
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                                        |
| Local name                                         | Copper                                                                 |
| Remark                                             | (Year of adoption 2014)                                                |
| Regulatory reference                               | SCOEL Recommendations                                                  |
| An Ísiltír - Occupational Exposure Limits          |                                                                        |
| Local name                                         | Koper                                                                  |
| MAC-TGG (OEL TWA)                                  | 0,1 mg/m <sup>3</sup> en anorganische koperverbindingen (inhaleerbaar) |
| Regulatory reference                               | Arbeidsomstandighedenregeling 2022                                     |

##### 8.1.2. Recommended monitoring procedures

Níl aon fhaisnéis bhreise ar fáil

##### 8.1.3. Air contaminants formed

Níl aon fhaisnéis bhreise ar fáil

##### 8.1.4. DNEL and PNEC

Níl aon fhaisnéis bhreise ar fáil

##### 8.1.5. Control banding

Níl aon fhaisnéis bhreise ar fáil

#### 8.2. Rialuithe nochta

##### 8.2.1. Rialuithe iomchuí innealtóireachta

###### Rialuithe iomchuí innealtóireachta:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

###### 8.2.2.1. Eye and face protection

Níl aon fhaisnéis bhreise ar fáil

###### 8.2.2.2. Skin protection

Níl aon fhaisnéis bhreise ar fáil

###### 8.2.2.3. Cosaint riospráide

###### Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

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### 8.2.2.4. Thermal hazards

Níl aon fhaisnéis bhreise ar fáil

### 8.2.3. Rialuithe um nochtadh comhshaoil

**Rialuithe um nochtadh comhshaoil:**

Ná scaoiltear amach sa chomhshaoil.

## CUID 9: Airíonna fisiceacha agus ceimiceacha

### 9.1. Faisnéis bunaithe ar bhunairíonna fisiceacha agus ceimiceacha

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Staid fhisiceach                                | : Solid                  |
| Dath                                            | : Not available          |
| Boladh                                          | : Not available          |
| Tairseach bolaidh                               | : Not available          |
| Leáphointe                                      | : Not available          |
| Reophointe                                      | : Ní bhaineann le hábhar |
| Fiuchphointe                                    | : Not available          |
| Inadhainteacht                                  | : Neamh-inadhainte       |
| Lower explosion limit                           | : Ní bhaineann le hábhar |
| Upper explosion limit                           | : Ní bhaineann le hábhar |
| Splancphointe                                   | : Ní bhaineann le hábhar |
| Teocht uath-adhainte                            | : Ní bhaineann le hábhar |
| Teocht dianscaoilte                             | : Not available          |
| pH                                              | : Not available          |
| pH solution                                     | : Not available          |
| Slaodacht, cinéimiteach                         | : Ní bhaineann le hábhar |
| Intuaslagthacht                                 | : Not available          |
| Partition coefficient n-octanol/water (Log Kow) | : Not available          |
| Galbhrú                                         | : Not available          |
| Vapour pressure at 50°C                         | : Not available          |
| Dlús                                            | : Not available          |
| Dlús coibhneasta                                | : Not available          |
| Galdlús coibhneasta ag 20°C                     | : Ní bhaineann le hábhar |
| Particle size                                   | : Not available          |

### 9.2. Faisnéis eile

#### 9.2.1. Information with regard to physical hazard classes

Níl aon fhaisnéis bhreise ar fáil

#### 9.2.2. Other safety characteristics

Níl aon fhaisnéis bhreise ar fáil

## CUID 10: Cobhsaíocht agus imoibríocht

### 10.1. Imoibríocht

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

### 10.2. Cobhsaíocht cheimiceach

Stable under normal conditions.

### 10.3. D'fhéadfadh a bheith ina chúis le fhrithghníomhartha guaiseacha

No dangerous reactions known under normal conditions of use.

### 10.4. Coinníollacha lena seachaint

None under recommended storage and handling conditions (see section 7).

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### 10.5. Ábhair neamh-chomhoiriúnacha

Níl aon fhaisnéis bhreise ar fáil

### 10.6. Táirgí dianscaoilte guaiseacha

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

## CUID 11: Faisnéis thocsaineolaíoch

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### Carbon (7440-44-0)

|                                    |                                                                                                                                                                                                                            |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 ó bhéal francach              | ≥ 2000 mg/kg meáchan coirp Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method) |
| Creimeadh/greannú craicinn         | : Not classified                                                                                                                                                                                                           |
| Damáiste/greannú tromchúiseach súl | : Not classified                                                                                                                                                                                                           |
| Íoghrú riospráide nó craicinn      | : Not classified                                                                                                                                                                                                           |
| Só-ghineacht ghaiméite             | : Not classified                                                                                                                                                                                                           |
| Carcanaigineacht                   | : Not classified                                                                                                                                                                                                           |
| Tocsaineacht atáirgthe             | : Not classified                                                                                                                                                                                                           |

#### Carbon (7440-44-0)

|                                                      |                                                                                                                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (animal/male, F0/P)                            | ≥ 859 mg/kg meáchan coirp Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Tocsaineacht sain-spriocorgáin (aon nochtadh amháin) | : Not classified                                                                                                                                                                             |
| Tocsaineacht sain-spriocorgáin (ilnochtadh)          | : Not classified                                                                                                                                                                             |

#### lithium nickel dioxide (12031-65-1)

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| Tocsaineacht sain-spriocorgáin (ilnochtadh) | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
|---------------------------------------------|------------------------------------------------------------|

#### Phosphate(1),hexafluoro-,Lithium (21324-40-3)

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| Tocsaineacht sain-spriocorgáin (ilnochtadh) | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
|---------------------------------------------|------------------------------------------------------------|

#### ETHYLENE CARBONATE (96-49-1)

|                                             |                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------|
| Tocsaineacht sain-spriocorgáin (ilnochtadh) | D'fhéadfadh sé damáiste a dhéanamh d'orgáin trí nochtadh fada nó ilnochtadh. |
|---------------------------------------------|------------------------------------------------------------------------------|

#### nickel (7440-02-0)

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| Tocsaineacht sain-spriocorgáin (ilnochtadh) | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
|---------------------------------------------|------------------------------------------------------------|

|              |                  |
|--------------|------------------|
| Guais asúite | : Not classified |
|--------------|------------------|

#### Vacuum Cleaner Battery

|                         |                        |
|-------------------------|------------------------|
| Slaodacht, cinéimiteach | Ní bhaineann le hábhar |
|-------------------------|------------------------|

### 11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

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### CUID 12: Faisnéis éiceolaíochta

#### 12.1. Tocsaineacht

Éiceolaíocht - ginearálta : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais) : Not classified

Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach) : Not classified

Not rapidly degradable

#### 12.2. Inchoimeádachas agus díghrádaitheacht

Níl aon fhaisnéis bhreise ar fáil

#### 12.3. Acmhainneacht bhithbhailitheach

Níl aon fhaisnéis bhreise ar fáil

#### 12.4. Soghluaisteacht san ithir

Níl aon fhaisnéis bhreise ar fáil

#### 12.5. Torthaí an mheasúnaithe PBT agus vPvB

Níl aon fhaisnéis bhreise ar fáil

#### 12.6. Endocrine disrupting properties

Níl aon fhaisnéis bhreise ar fáil

#### 12.7. Éifeachtaí díobhálacha eile

Níl aon fhaisnéis bhreise ar fáil

### CUID 13: Breithnithe diúscartha

#### 13.1. Modhanna cóireála dramhaíola

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

### CUID 14: Faisnéis iompair

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                                           | IMDG                                                    | IATA                                                     | ADN                                                      | RID                                                      |
|---------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| 14.1. UN number or ID number                                  |                                                         |                                                          |                                                          |                                                          |
| UN 3481                                                       | UN 3481                                                 | UN 3481                                                  | UN 3481                                                  | UN 3481                                                  |
| 14.2. Ainm seolta ceart UN                                    |                                                         |                                                          |                                                          |                                                          |
| LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT                  | LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT            | Lithium ion batteries contained in equipment             | LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT             | LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT             |
| Transport document description                                |                                                         |                                                          |                                                          |                                                          |
| UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A, (E) | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9 | UN 3481 Lithium ion batteries contained in equipment, 9A | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A |
| 14.3. Aicme nó aicmí guaise iompair                           |                                                         |                                                          |                                                          |                                                          |
| 9A                                                            | 9                                                       | 9A                                                       | 9A                                                       | 9A                                                       |

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| ADR                                                                               | IMDG                                                                              | IATA                                                                              | ADN                                                                                 | RID                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |

### 14.4. Grúpa pacála

|                        |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
|------------------------|------------------------|------------------------|------------------------|------------------------|

### 14.5. Guaiseacha comhshaoil

|                                  |                                                         |                                  |                                  |                                  |
|----------------------------------|---------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Contúirteach don chomhshaoil: No | Contúirteach don chomhshaoil: No<br>Truailleán mara: No | Contúirteach don chomhshaoil: No | Contúirteach don chomhshaoil: No | Contúirteach don chomhshaoil: No |
|----------------------------------|---------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|

### 14.6. Réamhchúraimí speisialta don úsáideoir

#### Iompar ar talamh

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| Classification code (ADR)     | : M4                                                       |
| Special provisions (ADR)      | : 188, 230, 310, 348, 360, 376, 377, 387, 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                      | : 4W                                                       |

#### Iompar ar muir

|                                    |                                                                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special provision (IMDG)           | : 188, 230, 310, 348, 360, 376, 377, 384, 387                                                                                                                                                                                                                                                               |
| Limited quantities (IMDG)          | : 0                                                                                                                                                                                                                                                                                                         |
| Excepted quantities (IMDG)         | : E0                                                                                                                                                                                                                                                                                                        |
| Packing instructions (IMDG)        | : 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 ion encased in a rigid metallic body. Lithium ion 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. |

#### Aeriompar

|                                              |                                                           |
|----------------------------------------------|-----------------------------------------------------------|
| PCA Excepted quantities (IATA)               | : E0                                                      |
| PCA Limited quantities (IATA)                | : Forbidden                                               |
| PCA limited quantity max net quantity (IATA) | : Forbidden                                               |
| PCA packing instructions (IATA)              | : 967                                                     |
| PCA max net quantity (IATA)                  | : 5kg                                                     |
| CAO packing instructions (IATA)              | : 967                                                     |
| CAO max net quantity (IATA)                  | : 35kg                                                    |
| Special provisions (IATA)                    | : A48, A88, A99, A154, A164, A181, A185, A206, A213, A220 |
| ERG code (IATA)                              | : 12FZ                                                    |

#### Iompar ar uiscebhealaí intíre

|                                   |                                               |
|-----------------------------------|-----------------------------------------------|
| Classification code (ADN)         | : M4                                          |
| Special provisions (ADN)          | : 188, 230, 310, 348, 360, 376, 377, 387, 670 |
| Limited quantities (ADN)          | : 0                                           |
| Excepted quantities (ADN)         | : E0                                          |
| Equipment required (ADN)          | : PP                                          |
| Number of blue cones/lights (ADN) | : 0                                           |

#### Iompar iarnróid

|                           |      |
|---------------------------|------|
| Classification code (RID) | : M4 |
|---------------------------|------|



# Vacuum Cleaner Battery

## Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| Special provisions (RID)              | : 188, 230, 310, 348, 360, _376, 377, 387, 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

Ní bhaineann le hábhar

## CUID 15: Faisnéis rialála

### 15.1. Rialacháin/reachtaíocht sábháilteacht, sláinte agus chomhshaoil a bhaineann go sonrach leis an tsubstaint nó an meascán

#### 15.1.1. Rialacháin de chuid an AE

##### REACH Annex XVII (Restriction List)

Ní bhaineann le hábhar

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

Ní bhaineann le hábhar

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### 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 substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

Liosta de shubstaintí, ar leithligh nó i meascáin nó i substaintí nach mór idirbhearta amhrasacha agus cásanna suntasacha gabhála ar iarraidh agus cásanna suntasacha gadaíochta ina leith a thuairisciú laistigh de 24 uair an chloig

| Ainm               | Uimh. CAS | Cód Ainmníochta Comhcheangailte (CN) | Cód Ainmníochta Comhcheangailte le haghaidh meascán gan chomhábhair lena gcinnfí an t-aicmiú faoi chód CN eile |
|--------------------|-----------|--------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Aluminium, powders | 7429-90-5 | 7603 10 00; ex 7603 20 00            |                                                                                                                |

Please see [https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives\\_en](https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives_en)

##### 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)

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### 15.1.2. Rialacháin náisiúnta

#### An Fhrainc

| Occupational diseases |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code                  | Description                                                                                                                                                                     |
| RG 25                 | Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal. |
| RG 66                 | Occupational rhinitis and asthma                                                                                                                                                |

#### An Ghearmáin

Employment restrictions

Water hazard class (WGK)

Storage class (LGK, TRGS 510)

Joint storage table

Joint storage not permitted for

Joint storage with restrictions permitted for

Joint storage permitted for

Hazardous Incident Ordinance (12. BImSchV)

An Ísiltír

ABM category

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

SZW-lijst van reprotoxische stoffen – Borstvoeding

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling

An Danmhaig

Danish National Regulations

An Eilvéis

Storage class (LK)

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

: Classification according to AwSV, Annex 1.

: LGK 13 - Non-combustible solids.

:

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| 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 |

: LGK 1, LGK 6.2, LGK 7.

: LGK 4.1A, LGK 5.1C.

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

: Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioaccumulative potential/ toxicity or persistence)

: lithium nickel dioxide is listed

: None of the components are listed

: None of the components are listed

: None of the components are listed

: None of the components are listed

: Pregnant/breastfeeding women working with the product must not be in direct contact with the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

: LK 11/13 - Solids

### 15.2. Measúnú sábháilteachta ceimicí

No chemical safety assessment has been carried out

## CUID 16: Faisnéis eile

| 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             |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| 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                                                      |
| Uimh. CE                    | European Community number                                                    |
| EC50                        | Median effective concentration                                               |
| EN                          | European Standard                                                            |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration                                                  |
| LD50                        | Median lethal dose                                                           |
| 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                                                  |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Bileog Sonraí Sábháilteachta                                                 |
| STP                         | Sewage treatment plant                                                       |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| VOC                         | Volatile Organic Compounds                                                   |
| Uimh. CAS                   | 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. 3 (Bhéil)                | Géarthocsaineacht (bhéil), Catagóir 3                              |
| Acute Tox. 4 (Bhéil)                | Géarthocsaineacht (bhéil), Catagóir 4                              |
| Acute Tox. 4 (Ionanál)              | Géarthocsaineacht (ionanál), Catagóir 4                            |
| Aquatic Chronic 2                   | Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 2 |

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| Full text of H- and EUH-statements: |                                                                                                   |
|-------------------------------------|---------------------------------------------------------------------------------------------------|
| Aquatic Chronic 3                   | Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 3                                |
| Aquatic Chronic 4                   | Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 4                                |
| Carc. 1A                            | Carcanaigineacht (ionanálú) Catagóir 1A                                                           |
| Carc. 2                             | Carcanaigineacht, Catagóir 2                                                                      |
| Eye Irrit. 2                        | Damáiste tromchúiseach don tsúil/greannú súl, Catagóir 2                                          |
| Flam. Liq. 2                        | Leachtanna inadhainte, Catagóir 2                                                                 |
| Flam. Sol. 1                        | Solaid inadhainte, Catagóir 1                                                                     |
| H225                                | Leacht an-inadhainte agus gal an-inadhainte.                                                      |
| H228                                | Solad inadhainte.                                                                                 |
| H261                                | I dteagmháil le huisce scaoiltear gáis inadhainte.                                                |
| H301                                | Tocsaineach má shlogtar.                                                                          |
| H302                                | Díobhálach má shlogtar.                                                                           |
| H314                                | Ina chúis le dónna tromchúiseacha craicinn agus le damáiste don tsúil.                            |
| H317                                | D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.                          |
| H319                                | Ina chúis le greannú tromchúiseach don tsúil.                                                     |
| H332                                | Díobhálach má ionanálaítear.                                                                      |
| H350i                               | D'fhéadfadh sé a bheith ina chúis le hailse trí ionanálú.                                         |
| H351                                | Ceaptar go bhféadfadh sé a bheith ina chúis le hailse.                                            |
| H360                                | D'fhéadfadh sé damáiste a dhéanamh do thorthúlacht nó don leanbh sa bhroinn.                      |
| H372                                | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh.                                        |
| H373                                | D'fhéadfadh sé damáiste a dhéanamh d'orgáin trí nochtadh fada nó ilnochtadh.                      |
| H411                                | Tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.                                    |
| H412                                | Díobhálach don saol uisceach, le héifeachtaí fadtréimhseacha.                                     |
| H413                                | D'fhéadfadh sé a bheith ina chúis le héifeachtaí fadtréimhseacha díobhálacha ar an saol uisceach. |
| Repr. 1A                            | Tocsaineacht atáirgeach, Catagóir 1A                                                              |
| Skin Corr. 1                        | Creimeadh/greannú craicinn, Catagóir 1                                                            |
| Skin Sens. 1                        | Íoghrú craicinn, Catagóir 1                                                                       |
| STOT RE 1                           | Tocsaineacht sain-spriocorgáin – Athnochtadh, Catagóir 1                                          |
| STOT RE 2                           | Tocsaineacht sain-spriocorgáin – Athnochtadh, Catagóir 2                                          |
| Water-react. 2                      | Substaintí agus meascáin atá i dteagmháil le huisce scaoileann gáis inadhainte, Catagóir 2        |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU