

CUID 1: Sainaitheantóir na substainte / an mheascáin agus na cuideachta / an ghnóthais

1.1. Sainaitheantóir táirge

| | |
|-----------------|--|
| Foirm an táirge | : Article |
| Product name | : Smoke Alarm carbon zinc battery |
| Cód an táirge | : DTCTSC10WT, DTCTSC10WT2 |
| Type of product | : Carbon zinc cylindrical cells/batteries are considered to be “dry cell” batteries and are unregulated for purposes of transportation by the U.S.Department of Transportation (DOT), International Civic Aviation Administration (ICAO), International Air Transport Association (IATA), the International Maritime Organization (IMO). (Carbon zinc batteries are not regulated for transportation as “DANGEROUS GOODS” under the IATA Dangerous Goods Regulations 61th edition 2020.) |

Special Provision A123: “Examples of such batteries are: alkali-manganese, zinc-carbon and nickel-cadmium batteries. Any electrical battery ... having the potential of a dangerous evolution of heat must be prepared for transport as to prevent (a) a short[1]circuit (e.g. ... by the effective insulation of exposed terminals...); and (b) accidental activation. The words ‘Not Restricted’ and the Special Provision number must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued.

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

1.2.1. Úsáidí sainaitheanta ábhartha

Níl aon fhaisnéis bhreise ar fáil

1.2.2. Úsáidí dímholta

Níl aon fhaisnéis bhreise ar fáil

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

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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 : manganese dioxide, ammonium chloride, zinc chloride, Lead

2.3. Guaiseacha eile

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

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CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

3.1. Substaint

Ní bhaineann le hábhar

3.2. Meascán

| Ainm | Sainitheantóir táirge | | Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP] |
|---|--|----------|---|
| manganese dioxide | Uimh. CAS: 1313-13-9 Uimh. CE: 215-202-6 Uimh. innéacs CE: 025-001-00-3 | 25 – 35 | Acute Tox. 4 (Ionanál), H332 Acute Tox. 4 (Bhéil), H302 |
| ZINC | Uimh. CAS: 7440-66-6 Uimh. CE: 231-175-3 | 10 – 20 | |
| carbon black | Uimh. CAS: 1333-86-4 | 5 – 15 | |
| ammonium chloride | Uimh. CAS: 12125-02-9 Uimh. CE: 235-186-4 Uimh. innéacs CE: 017-014-00-8 | 0 – 10 | Acute Tox. 4 (Bhéil), H302 Eye Irrit. 2, H319 |
| zinc chloride | Uimh. CAS: 7646-85-7 Uimh. CE: 231-592-0 Uimh. innéacs CE: 030-003-00-2 | 2 – 10 | Acute Tox. 4 (Bhéil), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Lead substance listed as REACH Candidate | Uimh. CAS: 7439-92-1 Uimh. CE: 231-100-4 Uimh. innéacs CE: 082-013-00-1 | < 0,1 | Repr. 1A, H360FD Lact., H362 |
| Chromium | Uimh. CAS: 7440-47-3 Uimh. CE: 231-157-5 | < 0,001 | |
| cadmium (non-pyrophoric) substance listed as REACH Candidate (Cadmium) | Uimh. CAS: 7440-43-9 Uimh. CE: 231-152-8 Uimh. innéacs CE: 048-002-00-0 | < 0,001 | Acute Tox. 2 (Ionanál), H330 Muta. 2, H341 Carc. 1B, H350 Repr. 2, H361fd STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| mercury | Uimh. CAS: 7439-97-6 Uimh. CE: 231-106-7 Uimh. innéacs CE: 080-001-00-0 | < 0,0001 | Repr. 1B, H360D Acute Tox. 2 (Ionanál), H330 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Sainteorainneacha tíuchana:

| Ainm | Sainitheantóir táirge | Sainteorainneacha tíuchana |
|---------------|---|----------------------------------|
| zinc chloride | Uimh. CAS: 7646-85-7 Uimh. CE: 231-592-0 Uimh. innéacs CE: 030-003-00-2 | (5 ≤C ≤ 100) STOT SE 3, H335 |
| Lead | Uimh. CAS: 7439-92-1 Uimh. CE: 231-100-4 Uimh. innéacs CE: 082-013-00-1 | (0,03 ≤C ≤ 100) Repr. 1A, H360D |

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

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CUID 4: Bearta garchabhrach

4.1. Cur síos ar na bearta garchabhrach

- Bearta garchabhrach tar éis ionanáilthe : 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 : Sruthlaítear an béal. Call a poison center or a doctor if you feel unwell.

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 : Dry powder. Foam. Water spray.

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

Níl aon fhaisnéis bhreise ar fáil

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.

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7.2. Coinníollacha stórála sábháilte, lena n-áirítear aon neamhlú

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

CUID 8: Rialuithe nochtá / cosaint phearsanta

8.1. Paraiméadair rialaithe

8.1.1 National occupational exposure and biological limit values

Níl aon fhaisnéis bhreise ar fáil

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 nochtá

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:

[Mura leor an aeráil] caith cosaint riospráide.

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 | : Níl sonraí ar fáil. |
| Boladh | : Níl sonraí ar fáil. |
| Tairseach bolaidh | : Níl sonraí ar fáil. |
| pH | : Níl sonraí ar fáil. |
| Ráta galaithe coibhneasta (aicéatáit bhúitile=1) | : Níl sonraí ar fáil. |

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| | |
|---|--------------------------|
| Leáphointe | : Níl sonraí ar fáil. |
| Reophointe | : Ní bhaineann le hábhar |
| Fiuchphointe | : Níl sonraí ar fáil. |
| Splancphointe | : Ní bhaineann le hábhar |
| Teocht uath-adhainte | : Ní bhaineann le hábhar |
| Teocht dianscaoilte | : Níl sonraí ar fáil. |
| Inadhainteacht (soladach, gás) | : Neamh-inadhainte |
| Galbhrú | : Níl sonraí ar fáil. |
| Galdlús coibhneasta ag 20 °C | : Níl sonraí ar fáil. |
| Dlús coibhneasta | : Níl sonraí ar fáil. |
| Intuaslagthacht | : Níl sonraí ar fáil. |
| Partition coefficient n-octanol/water (Log Pow) | : Níl sonraí ar fáil. |
| Slaodacht, cinéimiteach | : Ní bhaineann le hábhar |
| Slaodacht, dinimiciúil | : Níl sonraí ar fáil. |
| Airíonna pléascacha | : Níl sonraí ar fáil. |
| Airíonna ocsaídiúcháin | : Níl sonraí ar fáil. |
| Teorainneacha pléascacha | : Ní bhaineann le hábhar |

9.2. Faisnéis eile

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 of use.

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).

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 Faisnéis faoi éifeachtaí tocsaineolaíochta

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

Chromium (7440-47-3)

| | |
|------------------------|--|
| LC50 ionánálú francach | > 5,41 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
|------------------------|--|

Lead (7439-92-1)

| | |
|-----------------------|--|
| LD50 ó bhéal francach | > 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
|-----------------------|--|

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| Lead (7439-92-1) | |
|---|---|
| LD50 dermal rat | > 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 ionanálú francach | > 5,05 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
| Creimeadh/greannú craicinn | : Not classified |
| Damáiste/greannú tromchúiseach súl | : Not classified |
| Íogru riospráide nó craicinn | : Not classified |
| Só-ghineacht ghaiméite | : Not classified |
| Carcanaigineacht | : Not classified |
| Tocsaineacht atáirgthe | : Not classified |
| Tocsaineacht sain-spricorgáin (aon nochtadh amháin) | : Not classified |
| Tocsaineacht sain-spricorgáin (ilnochtadh) | : Not classified |
| Chromium (7440-47-3) | |
| LOAEC (ion-análú, francach, deannach/ceo/múch, 90 lá) | ≥ 0,0044 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
| cadmium (non-pyrophoric) (7440-43-9) | |
| Tocsaineacht sain-spricorgáin (ilnochtadh) | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
| mercury (7439-97-6) | |
| Tocsaineacht sain-spricorgáin (ilnochtadh) | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
| Guais asúite | : Not classified |
| Smoke Alarm carbon zinc battery | |
| Sladacht, cinéimiteach | Ní bhaineann le hábhar |

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. Tocsaineacht don saol uisceach, le héifeachtaí fadtréimhseacha. |
| Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais) | : Not classified |
| Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach) | : Not classified |
| Not rapidly degradable | |

| 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) |

12.2. Inchoimeádachas agus díghráiditheacht

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

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12.5. Torthaí an mheasúnaithe PBT agus vPvB

| Comhpháirt | |
|--------------------------------------|---|
| 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 (non-pyrophoric) (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 |

12.6. 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. Uimhir UN | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
| 14.2. Ainm seolta ceart UN | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
| 14.3. Aicme nó aicmí guaise iompair | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
| 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 | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Ní bhaineann le hábhar

Iompar ar muir

Ní bhaineann le hábhar

Aeriompar

Ní bhaineann le hábhar

Iompar ar uiscebhealaí intíre

Ní bhaineann le hábhar

Iompar iarnróid

Ní bhaineann le hábhar

14.7. Iompar ar an mórchoír i gcomhréir le hlarscríbhinn II a ghabhann le MARPOL agus an Cód IBC

Ní bhaineann le hábhar

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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 one substance (s) from the list of candidate substances of REACH: Cadmium (EC 231-152-8, CAS 7440-43-9), Lead (EC 231-100-4, CAS 7439-92-1)

PIC Regulation (Prior Informed Consent)

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: cadmium (non-pyrophoric) (7440-43-9), mercury (7439-97-6)

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 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 drug precursors)

15.1.2. Rialacháin náisiúnta

An Fhrainc

| Occupational diseases | |
|-----------------------|---|
| Code | Description |
| RG 1 | Conditions caused by lead and its compounds |
| RG 2 | Occupational diseases caused by mercury and its compounds |
| 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 |

An Ghearmáin

Employment restrictions

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

Water hazard class (WGK)

: Classification according to AwSV, Annex 1.

Storage class (LGK, TRGS 510)

: LGK 13 - Non-combustible solids.

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 |

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| | |
|---|--|
| Joint storage not permitted for | : LGK 1, LGK 6.2, LGK 7. |
| Joint storage with restrictions permitted for | : LGK 4.1A, LGK 5.1C. |
| Joint storage permitted for | : 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. |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the Hazardous Incident Ordinance (12. BImSchV) |

An Ísiltír

| | |
|--|---|
| ABM category | : Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioacumulative potential/ toxicity or persistence) |
| SZW-lijst van kankerverwekkende stoffen | : cadmium (non-pyrophoric) is listed |
| SZW-lijst van mutagene stoffen | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding | : cadmium (non-pyrophoric),Lead are listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : cadmium (non-pyrophoric),Lead are listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling | : cadmium (non-pyrophoric),Lead,mercury are listed |

An Danmhaigr

| | |
|-----------------------------|---|
| Danish National Regulations | : The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal |
|-----------------------------|---|

An Eilvéis

| | |
|--------------------|----------------------|
| Storage class (LK) | : NG - Non-hazardous |
|--------------------|----------------------|

15.2. Measúnú sábháilteachta ceimici

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 |
| 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 |

Smoke Alarm carbon zinc battery

Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Abbreviations and acronyms: | |
|-----------------------------|--|
| 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. 2 (Ionanál) | Géarthocsaineacht (ionanál), Catagóir 2 |
| Acute Tox. 4 (Bhéil) | Géarthocsaineacht (bhéil), Catagóir 4 |
| Acute Tox. 4 (Ionanál) | Géarthocsaineacht (ionanál), Catagóir 4 |
| Aquatic Acute 1 | Guaiseach don timpeallacht uisceach – Ghéarghuais, Catagóir 1 |
| Aquatic Chronic 1 | Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 1 |
| Carc. 1B | Carcanaigineacht, Catagóir 1B |
| Eye Irrit. 2 | Damáiste tromchúiseach don tsúil/greannú súl, Catagóir 2 |
| H302 | Díobhálach má shlogtar. |
| H314 | Ina chúis le dónna tromchúiseacha craicinn agus le damáiste don tsúil. |
| H319 | Ina chúis le greannú tromchúiseach don tsúil. |
| H330 | Marfach má ionanálaítear. |
| H332 | Díobhálach má ionanálaítear. |
| H335 | D'fhéadfadh sé a bheith ina chúis le greannú riospráide. |
| H341 | Ceaptar go bhféadfadh sé a bheith ina chúis le héalanga géiniteacha. |
| H350 | D'fhéadfadh sé a bheith ina chúis le hailse. |
| H360D | D'fhéadfadh sé damáiste a dhéanamh don leanbh sa bhroinn. |
| H360FD | D'fhéadfadh sé damáiste a dhéanamh do thorthúlacht. D'fhéadfadh sé damáiste a dhéanamh don leanbh sa bhroinn. |
| H361fd | Meastar go bhféadfadh sé damáiste a dhéanamh do thorthúlacht. Meastar go bhféadfadh sé damáiste a dhéanamh don leanbh sa bhroinn. |
| H362 | D'fhéadfadh sé díobháil a dhéanamh do leanaí diúil. |
| H372 | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |

Smoke Alarm carbon zinc battery

Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| H400 | An-tocsaineach don saol uisceach. |
| H410 | An-tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha. |
| Lact. | Tocsaineacht atáirgeach, Catagóir bhreise, Éifeachtaí ar lachtadh nó trí lachtadh |
| Muta. 2 | Só-ghineacht ghaiméite, Catagóir 2 |
| Repr. 1A | Tocsaineacht atáirgeach, Catagóir 1A |
| Repr. 1B | Tocsaineacht atáirgeach, Catagóir 1B |
| Repr. 2 | Tocsaineacht atáirgeach, Catagóir 2 |
| Skin Corr. 1B | Creimeadh/greannú craicinn, Catagóir 1B |
| STOT RE 1 | Tocsaineacht sain-spriocorgáin – Athnochtadh, Catagóir 1 |
| STOT SE 3 | Tocsaineacht sain-spriocorgáin – aon nochtadh amháin, Catagóir 3, Greannú na conaire Riospráide |

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.