

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

1.1. Sainaitheantóir táirge

Foirm an táirge	: Article
Product name	: Zigbee motion and brightness sensor CR123A battery
Cód an táirge	: ZBSM20WT
Type of product	: SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium metal is less than 2 gram.

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	
Príomhchatagóir úsáide	: Úsáid tomhaltóirí
Úsáid na substainte / an mheascáin	: Electrical batteries and accumulators

1.2.2. Úsáidí dímholta

Restrictions on use	: Do not open batteries
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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

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]

Géarthocsaineacht (bhéil), Catagóir 4 H302
 Full text of H- and EUH-statements: see section 16

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

Díobhálach má shlogtar.

2.2. Eilimintí lipéid

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

Signal word (CLP)	: -
Contains	: manganese dioxide
Hazard statements (CLP)	: H302 - Díobhálach má shlogtar.
Ráitis réamhchúraim (CLP)	: P102 - Coimeád as aimsiú leanaí. P270 - Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid.

2.3. Guaiseacha eile

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

Comhpháirt

1,2-dimethoxyethane (110-71-4)	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
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Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Comhpháirt	
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

CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

3.1. Substaint

Ní bhaineann le hábhar

3.2. Meascán

Ainm	Sainaitheantóir 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	46	Acute Tox. 4 (Ionanál), H332 Acute Tox. 4 (Bhéil), H302
Iron	Uimh. CAS: 7439-89-6 Uimh. CE: 231-096-4	25 – 30	
propylene carbonate	Uimh. CAS: 108-32-7 Uimh. CE: 203-572-1 Uimh. innéacs CE: 607-194-00-1	7	Eye Irrit. 2, H319
1,2-dimethoxyethane substance listed as REACH Candidate (1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME))	Uimh. CAS: 110-71-4 Uimh. CE: 203-794-9	5	
Polytetrafluoroethylene	Uimh. CAS: 9002-84-0 Uimh. CE: 618-337-2	5	
Lithium	Uimh. CAS: 7439-93-2 Uimh. CE: 231-102-5	3,8	
POLYPROPYLENE	Uimh. CAS: 9003-07-0	3	
Graphite	Uimh. CAS: 7782-42-5	2 – 3	
Aluminium	Uimh. CAS: 7429-90-5 Uimh. CE: 231-072-3	2	
Lithium perchlorate	Uimh. CAS: 7791-03-9 Uimh. CE: 232-237-2	1 – 1,5	Ox. Liq. 1, H271 Acute Tox. 4 (Bhéil), H302 Skin Corr. 1, H314
nickel	Uimh. CAS: 7440-02-0 Uimh. CE: 231-111-4 Uimh. innéacs CE: 028-002-00-7	1	Skin Sens. 1, H317 Carc. 2, H351 STOT RE 1, H372 Aquatic Chronic 3, H412

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

CUID 4: Bearta garchabhrach

4.1. Cur síos ar na bearta garchabhrach

First-aid measures general : Call a poison center or a doctor if you feel unwell.

Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Bearta garchabhrach tar éis ionanáilaithe	: Tabhair an duine amach faoin aer úr agus coinneigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh. Call a poison center or a doctor if you feel unwell.
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.

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.
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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.
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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.
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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.
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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".
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6.2. Réamhchúraimí comhshaoil

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

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	: Wear personal protective equipment. Ensure good ventilation of the work station. Ná bíodh aon teagmháil le huisce.
Bearta sláinteachais	: Ná hiith, ná hól agus ná caitear tobac agus an táirge seo á úsáid.

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

Coinníollacha stórála	: Stóráil i gcoimeádán iata. Coimeád an coimeádán dúnta go docht. Stóráil faoi ghlas. Cosain ar thaise. Stóráil in áit thirim. Stóráil in áit dhea-aeráilte. Coimeád fionnuar é.
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Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Storage temperature : < 70 °C

7.3. Úsáid shonrach deiridh nó úsáid sonracha deiridh

Níl aon fhaisnéis bhreise ar fáil

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

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

Níl aon fhaisnéis bhreise ar fáil

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.

Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

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
Inadhaiteacht	: I dteagmháil le huisce scaoiltear gáis inadhaite a d'fhéadfadh uathadhaint.
Lower explosion limit	: Ní bhaineann le hábhar
Upper explosion limit	: Ní bhaineann le hábhar
Splancphointe	: Ní bhaineann le hábhar
Teocht uath-adhaite	: 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 of use.

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

No dangerous reactions known under normal conditions of use. I dteagmháil le huisce scaoiltear gáis inadhaite a d'fhéadfadh uathadhaint.

10.4. Coinníollacha lena seachaint

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. 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.

Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

CUID 11: Faisnéis thocsaineolaíoch

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

Acute toxicity (oral)	: Díobhálach má shlogtar.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Zigbee motion and brightness sensor CR123A battery

ATE CLP (oral)	1551,831 mg/kg meáchan coirp
1,2-dimethoxyethane (110-71-4)	
LD50 ó bhéal francach	5370 mg/kg meáchan coirp Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 4890 - 5920
LD50 dermal rat	> 5000 mg/kg meáchan coirp Animal: rat, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Graphite (7782-42-5)

LD50 ó bhéal francach	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 2000 mg/l Source: ECHA

Aluminium (7429-90-5)

LD50 ó bhéal francach	> 15900 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LC50 ionanálú francach	> 0,888 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

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

Aluminium (7429-90-5)

NOAEL (animal/male, F0/P)	1000 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)
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Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	: Not classified
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Tocsaineacht sain-spriocorgáin (ilnochtadh)	: Not classified
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1,2-dimethoxyethane (110-71-4)

NOAEC (ion-análú, francach, gal, 90 lá)	0,187 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
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Aluminium (7429-90-5)

LOAEC (ion-análú, francach, deannach/ceo/múch, 90 lá)	0,05 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (subchronic, béal, ainmhithe/fireann, 90 lá)	1034 mg/kg meáchan coirp Animal: dog, Animal sex: male, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)
NOAEL (subchronic, béal, ainmhithe/baineann, 90 lá)	1087 mg/kg meáchan coirp Animal: dog, Animal sex: female, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)

nickel (7440-02-0)

Tocsaineacht sain-spriocorgáin (ilnochtadh)	Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh.
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Guais asúite	: Not classified
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Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Zigbee motion and brightness sensor CR123A battery

Slaodacht, cinéimiteach	Ní bhaineann le hábhar
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1,2-dimethoxyethane (110-71-4)

Slaodacht, cinéimiteach	0,483 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)'
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11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

CUID 12: Faisnéis éiceolaíochta

12.1. Tocsaineacht

Éiceolaíocht - ginearálta	: Before neutralisation, the product may represent a danger to aquatic organisms.
Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais)	: Not classified
Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach)	: Not classified
Not rapidly degradable	

1,2-dimethoxyethane (110-71-4)

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: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC (chronic)	320 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

Lithium (7439-93-2)

LC50 - Fish [1]	109 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	19,1 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	34,3 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	41,62 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	153,44 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
LOEC (ainsealach)	2,53 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	1,7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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

Aluminium (7429-90-5)

EC50 72h - Algae [1]	1,05 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
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Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Aluminium (7429-90-5)	
EC50 72h - Algae [2]	0,2 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

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

Comhpháirt	
1,2-dimethoxyethane (110-71-4)	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. 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 3091	UN 3091	UN 3091	UN 3091	UN 3091
14.2. Ainm seolta ceart UN				
LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT	LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT	Lithium metal batteries packed with equipment	LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT	LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT
Transport document description				
UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9A, (E)	UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9	UN 3091 Lithium metal batteries packed with equipment, 9A	UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9A	UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9A
14.3. Aicme nó aicmí guaise iompair				
9A	9	9A	9A	9A

Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

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
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14.5. Guaiseacha comhshaoil

Contúirteach don chomhshaoil: No	Contúirteach don chomhshaoil: No Truailleán mara: No	Contúirteach don chomhshaoil: No	Contúirteach don chomhshaoil: No	Contúirteach don chomhshaoil: No
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14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

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

Iompar ar muir

Special provision (IMDG)	: 188, 230, 310, 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 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.

Aeriompar

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

Iompar ar uiscebhealaí intíre

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

Iompar iarnróid

Classification code (RID)	: M4
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Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

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

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 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)

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 gcinntí 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

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)

Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

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 39	Occupational diseases caused by manganese dioxide
RG 66	Occupational rhinitis and asthma

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 11 - 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

Joint storage not permitted for : LGK 1, LGK 5.1A, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for : LGK 2A, LGK 3, LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2, LGK 6.1A, LGK 6.1B.

Joint storage permitted for : LGK 2B, LGK 4.1B, 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/bioaccumulative potential/ toxicity or persistence)

SZW-lijst van kankerverwekkende stoffen : Lithium perchlorate is listed

SZW-lijst van mutagene stoffen : Lithium perchlorate is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : 1,2-dimethoxyethane is listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : 1,2-dimethoxyethane is listed

An Danmhaig

Danish National Regulations : 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

An Eilvéis

Storage class (LK) : 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
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Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Abbreviations and acronyms:	
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
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. 4 (Bhéil)	Géarthocsaineacht (bhéil), Catagóir 4
Acute Tox. 4 (Ionanál)	Géarthocsaineacht (ionanál), Catagóir 4
Aquatic Chronic 3	Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 3

Zigbee motion and brightness sensor CR123A battery

Bileog Sonraí Sábháilteachta

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

Full text of H- and EUH-statements:	
Carc. 2	Carcanaigineacht, Catagóir 2
Eye Irrit. 2	Damáiste tromchúiseach don tsúil/greannú súl, Catagóir 2
H271	D'fhéadfadh sé a bheith ina chúis le tine nó le pléascadh; an-ocsaídeoir.
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.
H351	Ceaptar go bhféadfadh sé a bheith ina chúis le hailse.
H372	Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh.
H412	Díobhálach don saol uisceach, le héifeachtaí fadtréimhseacha.
Ox. Liq. 1	Leachtanna Ocsaídeacha, Catagóir 1
Skin Corr. 1	Creimeadh/greannú craicinn, Catagóir 1
Skin Sens. 1	Íoghrú craicinn, Catagóir 1
STOT RE 1	Tocsaineacht sain-spriocorgáin – Athnochtadh, Catagóir 1

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU