

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

#### 1.1. Sainaitheantóir táirge

Foirm an táirge	: Article
Product name	: DAB+ Radio with Li-ion battery
Cód an táirge	: RDDB5200BK
Type of product	: SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium ion is less than 100 Wh

#### 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 sábhálteachta

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

Danger symbols/labeling in case of damaged and or ruptured battery.

#### 2.2. Eilimintí lipéid

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

No labelling applicable

#### 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

# DAB+ Radio with Li-ion battery

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### 3.2. Meascán

Ainm	Sainitheantóir táirge		Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]
Lithium Manganese (III,IV) oxide	Uimh. CAS: 12057-17-9	30,21	Acute Tox. 4 (Bhéil), H302 Acute Tox. 4 (Ionanál), H332 Aquatic Chronic 4, H413
stainless steel	Uimh. CAS: 12597-68-1 Uimh. CE: 603-108-1	16,38	
Graphite	Uimh. CAS: 7782-42-5	14,79	
Lithium hexafluorophosphate(1-)	Uimh. CAS: 21324-40-3 Uimh. CE: 244-334-7	13,43	
Zirconium dioxide	Uimh. CAS: 1314-23-4 Uimh. CE: 215-227-2	10,43	
Copper	Uimh. CAS: 7440-50-8 Uimh. CE: 231-159-6	5,61	
POLYETHYLENE	Uimh. CAS: 9002-88-4	3,52	
Aluminium	Uimh. CAS: 7429-90-5 Uimh. CE: 231-072-3	3,1	
STYRENE-BUTADIENE RUBBER	Uimh. CAS: 61789-96-6	0,82	
POLYVINYLIDENE DIFLUORIDE	Uimh. CAS: 24937-79-9	0,69	
Carbon black	Uimh. CAS: 1333-86-4 Uimh. CE: 215-609-9	0,41	
nickel	Uimh. CAS: 7440-02-0 Uimh. CE: 231-111-4 Uimh. innéacs CE: 028-002-00-7	0,29	Skin Sens. 1, H317 Carc. 2, H351 STOT RE 1, H372 Aquatic Chronic 3, H412
CROSCARMELOSE	Uimh. CAS: 9000-11-7	0,26	

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.

#### 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.

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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.

### 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. Wear personal protective equipment.  
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 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

nickel (7440-02-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Nickel metal
Remark	(Year of adoption 2011)
Regulatory reference	SCOEL Recommendations

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nickel (7440-02-0)	
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

##### Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 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	: If leaking, smells of medical ether.
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

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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).

### 10.5. Ábhair neamh-chomhoiriúnacha

Níl aon fhaisnéis bhreise ar fáil

### 10.6. Táirgí dianascaoilte 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

#### Copper (7440-50-8)

LD50 dermal rat	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Guideline: other:
LC50 ionanálú francach	> 5,11 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method), Remarks on results: other:

#### Graphite (7782-42-5)

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

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<b>Aluminium (7429-90-5)</b>	
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)
<b>Lithium hexafluorophosphate(1-) (21324-40-3)</b>	
LD50 ó bhéal francach	50 – 300 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), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
<b>Zirconium dioxide (1314-23-4)</b>	
LD50 ó bhéal francach	> 5000 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)
<b>STYRENE-BUTADIENE RUBBER (61789-96-6)</b>	
LD50 ó bhéal francach	> 71300 mg/kg Source: National Library of Medicine
LD50 deirmeach coinín	20000 mg/kg Source: National Library of Medicine
<b>Carbon black (1333-86-4)</b>	
LD50 deirmeach coinín	> 2000 mg/kg meáchan coirp Animal: rabbit, Guideline: other:, Guideline: other:, Guideline: other:, Guideline: other:
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
<b>Aluminium (7429-90-5)</b>	
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)
<b>Lithium hexafluorophosphate(1-) (21324-40-3)</b>	
NOAEL (animal/male, F0/P)	500 mg/kg meáchan coirp Animal: rat, Animal sex: male
Tocsaineacht sain-spricorgáin (aon nochtadh amháin)	: Not classified
Tocsaineacht sain-spricorgáin (ilnochtadh)	: Not classified
<b>Aluminium (7429-90-5)</b>	
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)
<b>nickel (7440-02-0)</b>	
Tocsaineacht sain-spricorgáin (ilnochtadh)	Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh.

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Carbon black (1333-86-4)	
LOAEC (ion-análú,francach,deannach/ceo/múch,90 lá)	0,0071 mg/l air Animal: rat, Animal sex: male
NOAEL (béal,francach,90 lá)	> 1000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (ion-análú,francach,deannach/ceo/múch,90 lá)	0,0011 mg/l air Animal: rat, Animal sex: male

Guais asúite : Not classified

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Sladacht, cinéimiteach	Ní bhaineann le hábhar

### 11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

## 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

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

Lithium hexafluorophosphate(1-) (21324-40-3)	
EC50 96h - Algae [1]	> 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC chronic fish	4 mg/l Test organisms (species): Duration: '21 d'

Zirconium dioxide (1314-23-4)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Carbon black (1333-86-4)	
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna

### 12.2. Inchoimeádachas agus díghráiditheacht

Níl aon fhaisnéis bhreise ar fáil

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### 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
<b>14.1. UN number or ID number</b>				
UN 3481	UN 3481	UN 3481	UN 3481	UN 3481
<b>14.2. Ainm seolta ceart UN</b>				
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
<b>Transport document description</b>				
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
<b>14.3. Aicme nó aicmí guaise iompair</b>				
9A	9	9A	9A	9A
				
<b>14.4. Grúpa pacála</b>				
Ní bhaineann le hábhar	Ní bhaineann le hábhar	Ní bhaineann le hábhar	Ní bhaineann le hábhar	Ní bhaineann le hábhar
<b>14.5. Guaiseacha comhshaoil</b>				
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, 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
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

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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 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 thuairiscíú 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)

##### 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 : 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.

# DAB+ Radio with Li-ion battery

## Bileog Sonraí Sábháilteachta

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

Joint storage table	:	<table border="1"><tr><td>LGK 1</td><td>LGK 2A</td><td>LGK 2B</td><td>LGK 3</td><td>LGK 4.1A</td></tr><tr><td>LGK 4.1B</td><td>LGK 4.2</td><td>LGK 4.3</td><td>LGK 5.1A</td><td>LGK 5.1B</td></tr><tr><td>LGK 5.1C</td><td>LGK 5.2</td><td>LGK 6.1A</td><td>LGK 6.1B</td><td>LGK 6.1C</td></tr><tr><td>LGK 6.1D</td><td>LGK 6.2</td><td>LGK 7</td><td>LGK 8A</td><td>LGK 8B</td></tr><tr><td>LGK 10</td><td>LGK 11</td><td>LGK 12</td><td>LGK 13</td><td>LGK 10-13</td></tr></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
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 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)																									
<b>An Ísiltír</b>																											
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	:	None of the components are listed																									
SZW-lijst van mutagene stoffen	:	None of the components are listed																									
SZW-lijst van reprotoxische stoffen – Borstvoeding	:	None of the components are listed																									
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	:	None of the components are listed																									
SZW-lijst van reprotoxische stoffen – Ontwikkeling	:	None of the components are listed																									
<b>An Danmhairg</b>																											
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																									
<b>An Eilvéis</b>																											
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
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

# DAB+ Radio with Li-ion battery

## Bileog Sonraí Sábháilteachta

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

Abbreviations and acronyms:	
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
Aquatic Chronic 4	Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 4
Carc. 2	Carcanaigineacht, Catagóir 2
H302	Díobhálach má shlogtar.
H317	D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.
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.
H413	D'fhéadfadh sé a bheith ina chúis le héifeachtaí fadtréimhseacha díobhálacha ar an saol uisceach.
Skin Sens. 1	Íoghrú craicinn, Catagóir 1
STOT RE 1	Tocsaineacht sain-spriocorgáin – Athnochtadh, Catagóir 1

Safety Data Sheet (SDS), EU