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

1.1. Sainaitheantóir táirge

Foirm an táirge	:	Substance
Substance name	:	Propranolol hydrochloride
Chemical name	:	Propranolol hydrochloride
Uimh. CE	:	206-268-7
Uimh. CAS	:	318-98-9
Cód an táirge	:	201600768

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

Úsáidí sainaitheanta ábhartha

Úsáid na substainte / an mheascáin	:	Scientific research and development Technical testing and analysis For professional use only
Function or use category	:	Laboratory chemicals

Úsáidí dímholta

Restrictions on use	:	Not for food, drug or home use

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

European Directorate for the Quality of Medicines & Healthcare
EDQM, Council of Europe
7, Allée Kastner, CS30026
F 67081 Strasbourg
France
T +33(0)388412035, F +33(0)388412771
sds@edqm.eu, www.edqm.eu

1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála	:	+33(0)390215608

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
Tocsaineacht atáirgeach, Catagóir 2	H361
Tocsaineacht sain-spriocorgáin – aon nochtadh amháin, Catagóir 1	H370
Guaiseach don timpeallacht uisceach – Ghéarghuais, Catagóir 1	H400
Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 1	H410

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

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

Díobhálach má shlogtar. An-tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha. Ceaptar go bhféadfadh sé damáiste a dhéanamh do thorthúlacht nó don leanbh sa bhroinn. Déanann sé damáiste d'orgáin.

2.2. Eilimintí lipéid

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

Hazard pictograms (CLP) :

GHS07 GHS08 GHS09

Signal word (CLP) : Contúirt

Hazard statements (CLP) : H302 - Díobhálach má shlogtar.
H361 - Ceaptar go bhféadfadh sé damáiste a dhéanamh do thorthúlacht nó don leanbh sa bhroinn.
H370 - Déanann sé damáiste d'orgáin (cardiovascular system) (bhéal).
H410 - An-tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.

Ráitis réamhchúraim (CLP) : P201 - Faigh treoracha speisialta roimh úsáid.
P202 - Ná láimhsigh go dtí go léifear agus go dtuigfear gach ráiteas réamhchúraim sábháilteachta.
P260 - Ná hanálaigh deannach/múch/gás/ceo/gala/sprae.
P264 - Nigh … go lánchúramach tar éis láimhsithe.
P270 - Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid.
P273 - Ná scaoiltear amach sa chomhshaol.
P280 - Caith lámhainní cosanta/éadaí cosanta/cosaint súile/cosaint aghaidhe.
P301+P312 - MÁ SHLOGTAR: Cuir glao ar IONAD NIMHE nó ar dhoctúir má bhraitheann tú tinn.
P308+P311 - I gCÁS nochta nó má mheastar a bheith nochtaithe: Cuir glao ar IONAD NIMHE nó ar dhoctúir.
P308+P313 - I gCÀS nochta nó má mheastar a bheith nochtaithe: Faigh comhairle/cúram liachta.
P321 - Cóir liachta ar leith (féach threoir gharchabhrach forlíontach ar an lipéad seo).
P330 - Sruthlaítear an béal.
P391 - Bailigh doirteadh.
P405 - Stóráil faoi ghlas.
P501 - Diúscair an t-ábhar/an coimeádán i ...

Labelling according to: Exemption for inner packaging where the contents do not exceed 10ml.

Hazard pictograms (CLP) :

GHS08

2.3. Guaiseacha eile

Faisnéis eile : Active substance (in pharmaceutical products/Pharmaceutical product used as cardiovascular drug).
Warning - substance not yet tested completely.

CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

3.1. Substaint

Ainm	Sainaitheantóir táirge		Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]
Propranolol hydrochloride	Uimh. CAS: 318-98-9 Uimh. CE: 206-268-7	≤ 100	Acute Tox. 4 (Bhéil), H302 (ATE=320 mg/kg meáchan coirp) Repr. 2, H361 STOT SE 1, H370 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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	:	In all cases of doubt, or when symptoms persist, seek medical attention.
Bearta garchabhrach tar éis ionanálaithe	:	Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh. Allow the victim to rest. If the person feels unwell : Faigh comhairle/cúram liachta.
Bearta garchabhrach tar éis teagmhála leis an gcraiceann	:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Bearta garchabhrach tar éis teagmhála leis an tsúil	:	Rinse with water while holding the eyes wide open. Obtain medical attention if pain, blinking or redness persists.
Bearta garchabhrach tar éis iontógála	:	Rinse mouth out with water (only if the person is conscious). Ná tabhair aon rud ó bhéal do dhuine atá gan aithne. Cuir glao láithreach ar IONAD NIMHE/ar dhoctúir.

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

Níl aon fhaisnéis bhreise ar fáil

CUID 5: Bearta comhrac dóiteáin

5.1. Meáin múchta

Meáin oiriúnacha um múchadh	:	Use extinguishing media appropriate for surrounding fire. Dé-ocsaíd charbóin. Water spray. Dry powder. Extinguishing blanket.
Meáin mhí-oiriúnacha um múchadh	:	Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire	:	Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. Toxic fumes may be released.

5.3. Comhairle do chomhraiceoirí dóiteáin

Firefighting instructions	:	Prevent fire fighting water from entering the environment.
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

Bearta ginearálta	:	Avoid contact with skin, eyes and clothing.

Do phearsanra neamh-éigeandála

Emergency procedures	:	Evacuate unnecessary personnel.

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

Ná scaoiltear amach sa chomhshaol. Prevent entry to sewers and public waters.

6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

I gcomhair srianta	:	Absorb with an inert material and place in an appropriate waste disposal container.
Modhanna um ghlanadh	:	Clean contaminated surfaces with an excess of water. Clean with the help of detergents.

6.4. Tagairt do chodanna eile

See Section 13 for disposal information.

CUID 7: Láimhseáil agus stóráil

7.1. Réamhchúraimí maidir le láimhseáil shábháilte

Additional hazards when processed	:	Do not expose pregnant or breastfeeding women.
Réamhchúraimí maidir le láimhseáil shábháilte	:	Seachain gach nochtadh gan ghá. Ensure good ventilation of the work station.
Bearta sláinteachais	:	Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid. Níor chóir éadaí éillithe oibre a ligean amach as an láthair oibre. Wash hands before work breaks and after finishing work.

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

Coinníollacha stórála	:	Stóráil in áit dhea-aeráilte. Coimeád an coimeádán dúnta go docht. Keep away from heat and direct sunlight.
Packaging materials	:	Keep in original containers.

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

Níl aon fhaisnéis bhreise ar fáil

8.2. Rialuithe nochta

Appropriate engineering controls

Rialuithe iomchuí innealtóireachta:
Ensure good ventilation of the work station. Both local exhaust and general room ventilation are usually required. Material should be handled in a laboratory hood whenever possible.

Personal protection equipment

Eye and face protection

Cosaint súl:
Wear eye protection. Safety glasses with side shields. (EN 166)

Skin protection

Cosaint chraicinn agus choirp:
Wear suitable protective clothing. Laboratory use : Lab coat. (EN 13034)

Cosaint lámha:
Caith lámhainní oiriúnacha. Chemically resistant protective gloves. (EN 374)

Respiratory protection

Cosaint riospráide:
In case of dust formation use respirator with filter: P3

CUID 9: Airíonna fisiceacha agus ceimiceacha

9.1. Faisnéis bunaithe ar bhunairíonna fisiceacha agus ceimiceacha

Staid fhisiceach	:	Solid
Dath	:	white. almost white.
Dealramh	:	Powder.
Molecular mass	:	295.8 g/mol
Boladh	:	Not available

Tairseach bolaidh	:	Not available
Leáphointe	:	163 – 166 °C
Reophointe	:	Not available
Fiuchphointe	:	Not available
Inadhainteacht	:	Not available
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	:	Uisce: 33.3 – 100 g/l
Partition coefficient n-octanol/water (Log Kow)	:	< 4
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

Níl aon fhaisnéis bhreise ar fáil

CUID 10: Cobhsaíocht agus imoibríocht

10.1. Imoibríocht

Níl aon fhaisnéis bhreise ar fáil

10.2. Cobhsaíocht cheimiceach

Níl aon fhaisnéis bhreise ar fáil

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

Níl aon fhaisnéis bhreise ar fáil

10.4. Coinníollacha lena seachaint

Níl aon fhaisnéis bhreise ar fáil

10.5. Ábhair neamh-chomhoiriúnacha

Níl aon fhaisnéis bhreise ar fáil

10.6. Táirgí dianscaoilte guaiseacha

Níl aon fhaisnéis bhreise ar fáil

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)	:	()
Acute toxicity (inhalation)	:	()

Propranolol hydrochloride (318-98-9)	
LD50 ó bhéal francach	449 mg/kg (RTECS No UB7525000)
LD50 oral	320 mg/kg (mouse) (RTECS No UB7525000)

Creimeadh/greannú craicinn : ()

Damáiste/greannú tromchúiseach súl	:	()
Íogrú riospráide nó craicinn	:	()
Só-ghineacht ghaiméite	:	()
Carcanaigineacht	:	(Bunaithe ar shonraí atá ar fáil, ní chomhlíontar na critéir aicmithe.)
Tocsaineacht atáirgthe	:	Ceaptar go bhféadfadh sé damáiste a dhéanamh do thorthúlacht nó don leanbh sa bhroinn.
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	:	Déanann sé damáiste d'orgáin (cardiovascular system) (bhéal).
Tocsaineacht sain-spriocorgáin (ilnochtadh)	:	()
Guais asúite	:	()

11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

CUID 12: Faisnéis éiceolaíochta

12.1. Tocsaineacht

Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais)	:	An-tocsaineach don saol uisceach.
Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach)	:	An-tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.

Propranolol hydrochloride (318-98-9)	
LC50 - Fish [1]	10 – 100 mg/l (96 Hours, Oncorhynchus mykiss (Rainbow trout))
EC50 - Crustacea [1]	1 – 10 mg/l (48 Hours, Daphnia magna (Water flea)) (OECD 202 method)
ErC50 algae	0.66 mg/l (96 Hours, Pseudokirchneriella subcapitata (Green algae)) (OECD 201 method)
NOEC chronic fish	0.11 mg/l (21 days, Pimephales promelas)
NOEC chronic crustacea	< 0.05 mg/l (21 days, Daphnia magna (Water flea)) (OECD 211 method)
NOEC chronic algae	0.094 mg/l (72 Hours, Cyclotella meneghiniana)

12.2. Inchoimeádachas agus díghrádaitheacht

Propranolol hydrochloride (318-98-9)	
Inchoimeádachas agus díghrádaitheacht	Rapidly degradable

12.3. Acmhainneacht bhithbhailitheach

Propranolol hydrochloride (318-98-9)	
Partition coefficient n-octanol/water (Log Kow)	< 4

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

Níl aon fhaisnéis bhreise ar fáil

CUID 14: Faisnéis Iompair

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
UN 3077	UN 3077	UN 3077
14.2. Ainm seolta ceart UN		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	Environmentally hazardous substance, solid, n.o.s.
Transport document description		
UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, (-)	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, MARINE POLLUTANT	UN 3077 Environmentally hazardous substance, solid, n.o.s., 9, III
14.3. Aicme nó aicmí guaise iompair		
9	9	9
14.4. Grúpa pacála		
III	III	III
14.5. Guaiseacha comhshaoil		
Contúirteach don chomhshaol: Tá	Contúirteach don chomhshaol: Tá Truailleán mara: Tá EmS-No. (Fire): F-A EmS-No. (Spillage): S-F	Contúirteach don chomhshaol: Tá

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Classification code (ADR)	:	M7
Special provisions (ADR)	:	274, 335, 375, 601
Limited quantities (ADR)	:	5kg
Excepted quantities (ADR)	:	E1
Packing instructions (ADR)	:	P002, IBC08, LP02, R001
Packing provisions (ADR)	:	PP12, B3
Mixed packing provisions (ADR)	:	MP10
Portable tank and bulk container instructions (ADR)	:	T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (ADR)	:	TP33
Tank code (ADR)	:	SGAV, LGBV
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	3
Special provisions for carriage - Packages (ADR)	:	V13
Special provisions for carriage - Bulk (ADR)	:	VC1, VC2
Special provisions for carriage - Loading, unloading and handling (ADR)	:	CV13

Hazard identification number (Kemler No.)	:	90
Orange plates	:	
Tunnel restriction code (ADR)	:	-

Iompar ar muir

Special provision (IMDG)	:	274, 335, 375, 966, 967, 969
Limited quantities (IMDG)	:	5 kg
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	LP02, P002
Packing provisions (IMDG)	:	PP12
IBC packing instructions (IMDG)	:	IBC08
IBC special provisions (IMDG)	:	B3
Tank instructions (IMDG)	:	BK1, BK2, BK3, T1
Tank special provisions (IMDG)	:	TP33
Stowage category (IMDG)	:	A
Stowage and handling (IMDG)	:	SW23

Aeriompar

PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y956
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	956
PCA max net quantity (IATA)	:	400kg
CAO packing instructions (IATA)	:	956
CAO max net quantity (IATA)	:	400kg
Special provisions (IATA)	:	A97, A158, A179, A197, A215
ERG code (IATA)	:	9L

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

Rialacháin de chuid an AE

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Council Regulation (EC) for the control of dual-use items

Not listed on the COUNCIL REGULATION (EC) of dual-use items.

Explosives Precursors Regulation (EU 2019/1148)

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

Drug Precursors Regulation (EC 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)

15.2. Measúnú sábháilteachta ceimicí

Níl aon fhaisnéis bhreise ar fáil

CUID 16: Faisnéis eile

Léiriú ar na hathruithe		
Cuid	**Changed item**	**Comments**
	(ADR) (RID)	**Added**
	Number of blue cones/lights (ADN)	**Added**
	Equipment required (ADN)	**Added**
	Carriage permitted (ADN)	**Added**
	Excepted quantities (ADN)	**Added**
	Limited quantities (ADN)	**Added**
	Danger labels (ADN)	**Added**
	Classification code (ADN)	**Added**
	Proper Shipping Name (RID)	**Added**
	Hazard identification number (RID)	**Added**
	Colis express (express parcels) (RID)	**Added**
	Special provisions for carriage - Loading, unloading and handling (RID)	**Added**
	Special provisions for carriage – Bulk (RID)	**Added**
	Special provisions for carriage – Packages (RID)	**Added**
	Transport category (RID)	**Added**
	Tank codes for RID tanks (RID)	**Added**
	Portable tank and bulk container special provisions (RID)	**Added**
	Portable tank and bulk container instructions (RID)	**Added**
	Mixed packing provisions (RID)	**Added**
	Packing provisions (RID)	**Added**
	Packing instructions (RID)	**Added**
	Excepted quantities (RID)	**Added**
	Limited quantities (RID)	**Added**
	Special provisions (RID)	**Added**
	Packing group (RID)	**Added**
	Classification code (RID)	**Added**
	ERG code (IATA)	**Added**
	Special provisions (IATA)	**Added**
	CAO max net quantity (IATA)	**Added**
	CAO packing instructions (IATA)	**Added**
	PCA max net quantity (IATA)	**Added**

Léiriú ar na hathruithe		
Cuid	**Changed item**	**Comments**
	PCA packing instructions (IATA)	**Added**
	PCA limited quantity max net quantity (IATA)	**Added**
	PCA Limited quantities (IATA)	**Added**
	PCA Excepted quantities (IATA)	**Added**
	Danger labels (IATA)	**Added**
	Proper Shipping Name (IATA)	**Added**
	Proper Shipping Name (IMDG)	**Added**
	Danger labels (IMDG)	**Added**
	EmS-No. (Spillage)	**Added**
	EmS-No. (Fire)	**Added**
	Limited quantities (IMDG)	**Added**
	Stowage and handling (IMDG)	**Added**
	Stowage category (IMDG)	**Added**
	Tank special provisions (IMDG)	**Added**
	Tank instructions (IMDG)	**Added**
	IBC special provisions (IMDG)	**Added**
	IBC packing instructions (IMDG)	**Added**
	Excepted quantities (IMDG)	**Added**
	Special provision (IMDG)	**Added**
	Special provisions for carriage - Loading, unloading and handling (ADR)	**Added**
	Special provisions for carriage - Bulk (ADR)	**Added**
	Special provisions for carriage - Packages (ADR)	**Added**
	Tank code (ADR)	**Added**
	Portable tank and bulk container special provisions (ADR)	**Added**
	Portable tank and bulk container instructions (ADR)	**Added**
	Mixed packing provisions (ADR)	**Added**
	Packing provisions (ADR)	**Added**
	Packing instructions (ADR)	**Added**
	Vehicle for tank carriage	**Added**
	Supersedes version of	**Added**
	Dáta athbhreithnithe	**Added**
1.1	Uimh. CE	**Added**
1.1	Uimh. CAS	**Added**
1.1	Synonyms	**Removed**
1.1	Ainm	**Modified**

Léiriú ar na hathruithe		
Cuid	**Changed item**	**Comments**
1.2	Restrictions on use	**Modified**
1.2	Úsáid na substainte / an mheascáin	**Modified**
1.2	Príomhchatagóir úsáide	**Removed**
2.1	Éifeachtaí díobhálacha fisiciceimiceacha, um shláinte an duine agus um an comhshaol	**Modified**
2.1	Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]	**Modified**
2.2	Hazard pictograms (CLP)	**Modified**
2.2	Ráitis réamhchúraim (CLP)	**Modified**
2.2	Hazard statements (CLP)	**Modified**
2.3	Faisnéis eile	**Added**
4.1	First-aid measures general	**Added**
4.1	Bearta garchabhrach tar éis teagmhála leis an gcraiceann	**Modified**
4.1	Bearta garchabhrach tar éis ionanálaithe	**Modified**
4.1	Bearta garchabhrach tar éis iontógála	**Modified**
4.1	Bearta garchabhrach tar éis teagmhála leis an tsúil	**Modified**
4.2	Symptoms/effects	**Removed**
4.2	Siomptóim/gortuithe tar éis iontógála	**Removed**
4.2	Siomptóim/gortuithe tar éis teagmhála leis an gcraiceann	**Removed**
4.2	Siomptóim/gortuithe tar éis ionanálaithe	**Removed**
4.2	Siomptóim/gortuithe tar éis teagmhála leis an tsúil	**Removed**
4.3	Other medical advice or treatment	**Removed**
5.1	Meáin mhí-oiriúnacha um múchadh	**Added**
5.1	Meáin oiriúnacha um múchadh	**Modified**
5.2	Hazardous decomposition products in case of fire	**Added**
5.2	Guais dóiteáin	**Removed**
5.3	Cosaint i rith comhrac dóiteáin	**Added**
5.3	Firefighting instructions	**Modified**
6.1	Protective equipment	**Added**
6.1	Emergency procedures	**Modified**
6.1	Bearta ginearálta	**Modified**
6.2	Réamhchúraimí comhshaoil	**Added**
6.3	I gcomhair srianta	**Added**
6.3	Modhanna um ghlanadh	**Modified**
6.4	Reference to other sections (8, 13)	**Added**

Léiriú ar na hathruithe		
Cuid	**Changed item**	**Comments**
7.1	Additional hazards when processed	**Modified**
7.1	Réamhchúraimí maidir le láimhseáil shábháilte	**Modified**
7.1	Bearta sláinteachais	**Modified**
7.2	Coinníollacha stórála	**Modified**
7.2	Packaging materials	**Added**
7.2	Technical measures	**Removed**
7.3	Specific end uses	**Removed**
8.2	Cosaint riospráide	**Modified**
8.2	Cosaint lámha	**Modified**
8.2	Cosaint súl	**Modified**
8.2	Rialuithe iomchuí innealtóireachta	**Modified**
8.2	Cosaint chraicinn agus choirp	**Modified**
9	Molecular mass	**Added**
9	Leáphointe	**Added**
9	Dath	**Added**
9	Partition coefficient n-octanol/water (Log Kow)	**Added**
9	Boladh	**Removed**
10.1	Imoibríocht	**Removed**
10.5	Ábhair neamh-chomhoiriúnacha	**Removed**
10.6	Táirgí dianscaoilte guaiseacha	**Removed**
11.1	ATE CLP (oral)	**Modified**
11.1	LD50 oral	**Added**
11.1	LD50 ó bhéal francach	**Added**
11.1	ATE CLP (dermal)	**Removed**
12.1	NOEC chronic algae	**Added**
12.1	NOEC chronic fish	**Added**
12.1	NOEC chronic crustacea	**Added**
12.1	ErC50 algae	**Added**
12.1	EC50 - Crustacea [1]	**Added**
12.1	LC50 - Fish [1]	**Added**
12.1	Éiceolaíocht - ginearálta	**Removed**
13.1	Regional waste regulation	**Removed**
14.1	(ADR) (ADN)	**Added**
14.1	(ADR) (IMDG)	**Added**
14.1	(ADR) (IATA)	**Added**
14.1	(ADR) (ADR)	**Added**
14.2	Proper Shipping Name (ADN)	**Added**

Léiriú ar na hathruithe		
Cuid	**Changed item**	**Comments**
14.2	Proper Shipping Name (ADR)	**Added**
14.3	Danger labels (RID)	**Added**
14.3	Danger labels (ADR)	**Added**
14.3	Class (ADR)	**Added**
14.4	Packing group (ADN)	**Added**
14.4	Packing group (IATA)	**Added**
14.4	Packing group (IMDG)	**Added**
14.4	Packing group (ADR)	**Added**
14.6	Additional requirements/Remarks (ADN)	**Added**
14.6	Special provisions (ADN)	**Added**
14.6	Packing provisions (IMDG)	**Added**
14.6	Packing instructions (IMDG)	**Added**
14.6	Transport category (ADR)	**Added**
14.6	Special provisions (ADR)	**Added**
14.6	Excepted quantities (ADR)	**Added**
14.6	Limited quantities (ADR)	**Added**
14.6	Tunnel restriction code (ADR)	**Added**
14.6	Hazard identification number (Kemler No.)	**Added**
14.6	Classification code (ADR)	**Added**

Full text of H- and EUH-statements:	
Acute Tox. 4 (Bhéil)	Géarthocsaineacht (bhéil), Catagóir 4
Aquatic Acute 1	Guaiseach don timpeallacht uisceach – Ghéarghuais, Catagóir 1
Aquatic Chronic 1	Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 1
H302	Díobhálach má shlogtar.
H361	Ceaptar go bhféadfadh sé damáiste a dhéanamh do thorthúlacht nó don leanbh sa bhroinn.
H370	Déanann sé damáiste d'orgáin (cardiovascular system) (bhéal).
H400	An-tocsaineach don saol uisceach.
H410	An-tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.
Repr. 2	Tocsaineacht atáirgeach, Catagóir 2
STOT SE 1	Tocsaineacht sain-spriocorgáin – aon nochtadh amháin, Catagóir 1

Safety Data Sheet (SDS), EU

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