

Procaine hydrochloride

Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Dáta eisiúna: 03/04/2023 Dáta athbheithnithe: 22/01/2025 Supersedes version of: 03/04/2023 Leagan: 2.0

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

1.1. Sainaitheantóir táirge

Foirm an táirge	: Substance
Substance name	: Procaine hydrochloride
Chemical name	: Procaine hydrochloride
Uimh. CE	: 200-077-2
Uimh. CAS	: 51-05-8
Cód an táirge	: 201600757

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
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1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

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F 67081 Strasbourg
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1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála	: +33(0)390215608
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CUID 2: Aithint guaiseacha

2.1. Aicmiú na substainte nó an mheascáin

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

Géarthocsaineacht (bhéil), Catagóir 3	H301
Íogru craicinn, Catagóir 1	H317
Full text of H- and EUH-statements: see section 16	

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

Tocsaineach má shlogtar. D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.

2.2. Eilimintí lipéid

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

Hazard pictograms (CLP)



GHS06

Signal word (CLP)	: Contúirt
Hazard statements (CLP)	: H301 - Tocsaineach má shlogtar. H317 - D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.
Ráitis réamhchúraim (CLP)	: P261 - Seachain deannach/múch/gás/ceo/gala/sprae a anáilú. P264 - Nigh ... go lánchúramach tar éis láimhsithe.

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P270 - Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid.
P272 - Níor chóir éadaí éillithe oibre a ligean amach as an láthair oibre.
P280 - Caith lámhainní cosanta/éadaí cosanta/cosaint súile/cosaint aghaidhe.
P301+P310 - MÁ SHLOGTAR: Cuir glao láithreach ar dhochtúir.
P302+P352 - I gCÁS TEAGMHÁLA LEIS AN gCRAICEANN: Nigh le neart uisce.
P321 - Cóir liachta ar leith (féach threoir gharchabhrach forlíontach ar an lipéad seo).
P330 - Sruthlaítear an béal.
P333+P313 - Má tharlaíonn greannú nó gríos craicinn: Faigh comhairle/cúram liachta.
P362+P364 - Bain díot aon éadaí éillithe agus nigh iad roimh iad a athúsáid.
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)



GHS06

2.3. Guaiseacha eile

Faisnéis eile : Active substance (in pharmaceutical products).
Warning - substance not yet tested completely.

CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

3.1. Substaint

Ainm	Sainitheantóir táirge		Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]
Procaine hydrochloride	Uimh. CAS: 51-05-8 Uimh. CE: 200-077-2	≤ 100	Acute Tox. 3 (Bhéil), H301 (ATE=200 mg/kg méachan coirp) Skin Sens. 1, H317

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 ionanáilaithe : 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 gcráiceann : Bain díot aon éadaí éillithe. Nigh go bog le neart gallúnaí agus uisce. If symptoms persist, call a physician.
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 dhochtúir.

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

Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann : D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.

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

Níl aon fhaisnéis bhreise ar fáil

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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. Réamhchúirimí 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. Réamhchúirimí comhshaoil

Ná scaoiltear amach sa chomhshaoil. 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. Réamhchúirimí maidir le láimhseáil shábháilte

- Réamhchúirimí 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 neamhlúí

- 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

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CUID 8: Rialuithe nochtá / cosaint phearsanta

8.1. Paraiméadair rialaithe

Níl aon fhaisnéis bhreise ar fáil

8.2. Rialuithe nochtá

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	: almost white. white.
Dealramh	: Crystalline powder.
Molecular mass	: 272.77 g/mol
Boladh	: Not available
Tairseach bolaidh	: Not available
Leáphointe	: ≈ 155 °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	: 5 – 6.5 (0.1 M)
pH solution	: Not available
Slaodacht, cinéimiteach	: Ní bhaineann le hábhar
Intuaslagthacht	: Uisce: > 1 g/l
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

Níl aon fhaisnéis bhreise ar fáil

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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 dian-scaoilte 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) : Tocsaineach má shlogtar.
Acute toxicity (dermal) : ()
Acute toxicity (inhalation) : ()

Procaine hydrochloride (51-05-8)

LD50 ó bhéal francach	200 mg/kg (RTECS No DG2275000)
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Creimeadh/greannú craicinn : ()
pH: 5 – 6.5 (0.1 M)
Damáiste/greannú tromchúiseach súl : ()
pH: 5 – 6.5 (0.1 M)
Íogru riospráide nó craicinn : D'fhéadfadh sé a bheith ina chúis le fhrithghníomh ailléirgeach craicinn.
Só-ghineacht ghaiméite : ()
Carcanagineacht : ()
Tocsaineacht atáirgthe : ()
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin) : ()
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)
Guaiseach don chomhshaol uisceach, fadtéarmach : ()
(guais ainsealach)

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12.2. Inchoimeádachas agus díghrádaitheacht

Procaine hydrochloride (51-05-8)

Inchoimeádachas agus díghrádaitheacht Not rapidly degradable

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: Breithníthe 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 2811	UN 2811	UN 2811
14.2. Ainm seolta ceart UN		
TOXIC SOLID, ORGANIC, N.O.S.	TOXIC SOLID, ORGANIC, N.O.S.	Toxic solid, organic, n.o.s.
Transport document description		
UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, (E)	UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III	UN 2811 Toxic solid, organic, n.o.s., 6.1, III
14.3. Aicme nó aicmí guaise iompair		
6.1	6.1	6.1
		
14.4. Grúpa pacála		
III	III	III

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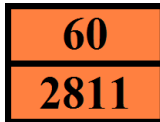
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA
14.5. Guaiseacha comhshaoil		
Contúirteach don chomhshaoil: No	Contúirteach don chomhshaoil: No Truailleán mara: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-A	Contúirteach don chomhshaoil: No

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Classification code (ADR)	: T2
Special provisions (ADR)	: 274, 614
Limited quantities (ADR)	: 5kg
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P002, IBC08, LP02, R001
Packing provisions (ADR)	: B3
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T1
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAH, L4BH
Tank special provisions (ADR)	: TU15, TE19
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Special provisions for carriage - Bulk (ADR)	: VC1, VC2, AP7
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13, CV28
Special provisions for carriage - Operation (ADR)	: S9
Hazard identification number (Kemler No.)	: 60
Orange plates	:



Tunnel restriction code (ADR) : E

Iompar ar muir

Special provision (IMDG)	: 223, 274
Limited quantities (IMDG)	: 5 kg
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P002
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: T1
Tank special provisions (IMDG)	: TP33
Stowage category (IMDG)	: A
Flash point (IMDG)	:
Properties and observations (IMDG)	: Toxic if swallowed, by skin contact or by inhalation.

Aeriompar

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y645
PCA limited quantity max net quantity (IATA)	: 10kg
PCA packing instructions (IATA)	: 670
PCA max net quantity (IATA)	: 100kg
CAO packing instructions (IATA)	: 677
CAO max net quantity (IATA)	: 200kg
Special provisions (IATA)	: A3, A5
ERG code (IATA)	: 6L

14.7. Maritime transport in bulk according to IMO instruments

Ní bhaineann le hábhar

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

CUID 15: Faisnéis rialála

15.1. Rialacháin/reachtaíocht sábhálteacht, 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 (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 (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 sábhálteachta ceimicí

Níl aon fhaisnéis bhreise ar fáil

CUID 16: Faisnéis eile

Léiriú ar na hathruithe		
Cuid	Changed item	Comments
	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
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 comhshaoil	Modified
2.1	Aicme de réir Rialachán (CE) Uimh. 1272/2008 [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

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Léiriú ar na hathruithe		
Cuid	Changed item	Comments
4.1	Bearta garchabhrach tar éis teagmhála leis an gcráiceann	Modified
4.1	Bearta garchabhrach tar éis ionanáilaithe	Modified
4.1	Bearta garchabhrach tar éis iontógála	Modified
4.1	Bearta garchabhrach tar éis teagmhála leis an tsúil	Modified
4.2	Siomptóim/gortuithe tar éis iontógála	Removed
4.2	Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann	Modified
4.2	Siomptóim/gortuithe tar éis ionanáilaithe	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	Added
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
7.1	Additional hazards when processed	Removed
7.1	Réamhchúraimí maidir le láimhseáil shábháilte	Modified
7.1	Bearta sláinteachais	Modified
7.2	Packaging materials	Added
7.2	Technical measures	Removed
7.2	Coinníollacha stórála	Modified
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

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Léiriú ar na hathruithe		
Cuid	Changed item	Comments
9	Solubility in water	Modified
9	Leáphointe	Added
9	Molecular mass	Added
9	Dath	Added
9	pH	Added
9	Boladh	Removed
9	Dealramh	Modified
10.1	Imoibríocht	Removed
10.5	Ábhair neamh-chomhoiriúnacha	Removed
10.6	Táirgí dianscailte guaiseacha	Removed
11.1	ATE CLP (oral)	Modified
11.1	LD50 ó bhéal francach	Modified
12.1	Éiceolaíocht - ginearálta	Removed
13.1	Product/Packaging disposal recommendations	Removed
13.1	Regional waste regulation	Removed

Full text of H- and EUH-statements:	
Acute Tox. 3 (Bhéil)	Géarthocsaineacht (bhéil), Catagóir 3
H301	Tocsaineach má shlogtar.
H317	D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.
Skin Sens. 1	Íogru craicinn, Catagóir 1

Safety Data Sheet (SDS), EU

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