

# Trans-cholecalciferol

## Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Dáta eisiúna: 03/04/2023 Leagan: 1.0

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

#### 1.1. Sainaitheantóir táirge

Foirm an táirge : Substance  
Substance name : Trans-cholecalciferol  
Cód an táirge : 202000111

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

##### 1.2.1. Úsáidí sainaitheanta ábhartha

Príomhchatagóir úsáide : The product is intended for research, analysis and scientific education.  
Úsáid na substainte / an mheascáin : For professional use only  
Function or use category : Laboratory chemicals

##### 1.2.2. Úsáidí dímholta

Restrictions on use : Do not use : Ingestion, Inhalation, Dermal

#### 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](mailto:sds@edqm.eu) - [www.edqm.eu](http://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 2 H300  
Géarthocsaineacht (dheirmeach), Catagóir 2 H310  
Géarthocsaineacht (ionanál), Catagóir 2 H330  
Tocsaineacht sain-spríocorgáin – Athnochtadh, Catagóir 1 H372  
Full text of H- and EUH-statements: see section 16

##### Éifeachtaí díobhála fisiceimiceacha, um shláinte an duine agus um an comhshaol

Expert judgement and weight of evidence determination.

#### 2.2. Eilimintí lipéid

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

Hazard pictograms (CLP) :



GHS06

GHS08

Signal word (CLP) : Contúirt  
Hazard statements (CLP) : H300+H310+H330 - Ábhar marfach é seo má shlogtar, má theagmhaíonn leis an gcaiceann nó má ionanálaítear é.  
H372 - Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh.  
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.  
P271 - Úsáid amuigh faoin aer nó i limistéar dea-aerálaithe amháin.

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P280 - Caith lámhainní cosanta/éadaí cosanta/cosaint súile/cosaint aghaidhe.  
P284 - Caith cosaint riospráide.  
P301+P310 - MÁ SHLOGTAR: Cuir glao láithreach ar IONAD NIMHE nó ar dhochtúir.  
P302+P352 - I gCÁS TEAGMHÁLA LEIS AN gCRAICEANN: Nigh le neart uisce.  
P304+P340 - MÁ IONANÁILTEAR: Tabhair an duine amach faoin aer úr agus coinnigh é compordach.  
P310 - Cuir glao láithreach ar IONAD NIMHE nó ar dhochtúir.  
P314 - Faigh comhairle/cúram liachta má bhraitheann tú tinn.  
P320 - Tá sé práinneach go bhfaightear cóir leighis ar leith (féach threoir gharchabhrach forlíontach ar an lipéad seo).  
P321 - Cóir liachta ar leith (féach threoir gharchabhrach forlíontach ar an lipéad seo).  
P330 - Sruthlaítear an béal.  
P361+P364 - Bain díot láithreach na héadaí éillithe go léir agus nigh iad roimh iad a athúsáid.  
P403+P233 - Stóráil in áit dhea-aeráilte. Coimeád an coimeádán dúnta go docht.  
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

GHS08

### 2.3. Guaiseacha eile

Níl aon fhaisnéis bhreise ar fáil

## CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

### 3.1. Substaint

| Ainm                  | Sainaitheantóir táirge |       | Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]  |
|-----------------------|------------------------|-------|---|
| Trans-cholecalciferol | -                      | ≤ 100 | Acute Tox. 2 (Bhéil), H300 (ATE=5 mg/kg meáchan coirp)<br>Acute Tox. 2 (Deirmeach), H310 (ATE=50 mg/kg meáchan coirp)<br>Acute Tox. 2 (Ionanál), H330 (ATE=0.05 mg/l/4h)<br>STOT RE 1, H372 |

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

### 3.2. Meascán

Ní bhaineann le hábhar

## CUID 4: Bearta garchabhrach

### 4.1. Cur síos ar na bearta garchabhrach

|  |   |
|--|---|
| Bearta garchabhrach tar éis ionanálaithe                 | : Move to fresh air. Allow affected person to breathe fresh air.  |
| Bearta garchabhrach tar éis teagmhála leis an gcráiceann | : Wipe off as much as possible (using a clean, soft, absorbent material). Wash with plenty of water and detergent.        |
| Bearta garchabhrach tar éis teagmhála leis an tsúil      | : Rinse with water while holding the eyes wide open.  |
| Bearta garchabhrach tar éis iontógála                    | : Sruthlaítear an béal. Cuir glao láithreach ar IONAD NIMHE/ar dhochtúir. Prolonged medical observation may be indicated. |

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

|  |                                     |
|--|-------------------------------------|
| Symptoms/effects   | : Delayed adverse effects possible. |
| Siomptóim/gortuithe tar éis ionanáilaithe                | : Insufficient data available.      |
| Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann | : Insufficient data available.      |
| Siomptóim/gortuithe tar éis teagmhála leis an tsúil      | : Insufficient data available.      |

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

Faigh comhairle/cúram liachta. If possible show this sheet, if not available show packaging or label.

## CUID 5: Bearta comhrac dóiteáin

### 5.1. Meáin múchta

|                             |                          |
|-----------------------------|--------------------------|
| Meáin oiriúnacha um múchadh | : Extinguishing blanket. |
|-----------------------------|--------------------------|

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

|                |                    |
|----------------|--------------------|
| Guais dóiteáin | : See Heading 2.2. |
|----------------|--------------------|

### 5.3. Comhairle do chomhraiceoirí dóiteáin

|                           |   |
|---------------------------|---|
| Firefighting instructions | : Use extinguishing media appropriate for surrounding fire. |
|---------------------------|---|

## CUID 6: Bearta i gcás scaoileadh de thaisme

### 6.1. Réamhchúirimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

|                   |   |
|-------------------|---|
| Bearta ginearálta | : Avoid any direct contact with the product. Do not breathe dust/fume/gas/mist/vapours/spray. |
|-------------------|---|

#### 6.1.1. Do phearsanra neamh-éigeandála

|                      |   |
|----------------------|---|
| Emergency procedures | : Wear suitable protective clothing, gloves and eye or face protection. |
|----------------------|---|

#### 6.1.2. D'fhreagróirí éigeandála

Níl aon fhaisnéis bhreise ar fáil

### 6.2. Réamhchúirimí comhshaoil

Níl aon fhaisnéis bhreise ar fáil

### 6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

|                      |  |
|----------------------|--|
| Modhanna um ghlanadh | : Ensure waste is collected and contained. Clean thoroughly. Wash the non-recoverable remainder with : Sodium hypochlorite solution. |
|----------------------|--|

### 6.4. Tagairt do chodanna eile

Níl aon fhaisnéis bhreise ar fáil

## CUID 7: Láimhseáil agus stóráil

### 7.1. Réamhchúirimí maidir le láimhseáil shábháilte

|   |  |
|---|--|
| Additional hazards when processed             | : The attention of the user is drawn to the risks possibly incurred by using the product for any other purpose than that for which it was intended.      |
| Réamhchúirimí maidir le láimhseáil shábháilte | : Material should be handled with caution. Avoid any direct contact with the product. Material should be handled in a laboratory hood whenever possible. |
| Bearta sláinteachais                          | : Handle in accordance with good industrial hygiene and safety procedures.   |

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

|                       |                                       |
|-----------------------|---------------------------------------|
| Technical measures    | : Comply with applicable regulations. |
| Coinníollacha stórála | : Stóráil faoi ghlas.                 |

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### 7.3. Úsáid shonrach deiridh nó úsáid sonracha deiridh

See Heading 1.

## CUID 8: Rialuithe nochtta / cosaint phearsanta

### 8.1. Paraiméadair rialaithe

#### 8.1.1 National occupational exposure and biological limit values

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.2. Recommended monitoring procedures

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.3. Air contaminants formed

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.4. DNEL and PNEC

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.5. Control banding

Níl aon fhaisnéis bhreise ar fáil

### 8.2. Rialuithe nochtta

#### 8.2.1. Appropriate engineering controls

##### Rialuithe iomchuí innealtóireachta:

Keep in a well-ventilated room. Use only in a exhaust booth with integrated air filter. High efficiency particulate air filter (HEPA filter).

#### 8.2.2. Personal protection equipment

##### 8.2.2.1. Eye and face protection

##### Cosaint súl:

Safety glasses. DIN EN 166

##### 8.2.2.2. Skin protection

##### Cosaint chraicinn agus choirp:

Use chemically protective clothing. DIN EN 13034

##### Cosaint lámha:

Chemically resistant protective gloves. ISO 374-1

##### 8.2.2.3. Respiratory protection

##### Cosaint riospráide:

Dust production: dust mask with filter type P3. DIN EN 140 & 149. Liquid product : Aerosol mask. Wear breathing apparatus if exposed to vapours/dusts/aerosols

##### 8.2.2.4. Thermal hazards

Níl aon fhaisnéis bhreise ar fáil

#### 8.2.3. Environmental exposure controls

Níl aon fhaisnéis bhreise ar fáil

## CUID 9: Airíonna fisiceacha agus ceimiceacha

### 9.1. Faisnéis bunaithe ar bhunairíonna fisiceacha agus ceimiceacha

|                   |                           |
|-------------------|---------------------------|
| Staid fhisiceach  | : Solid                   |
| Dath              | : Not available           |
| Boladh            | : Ní bhaineann le hábhar. |
| Tairseach bolaidh | : Not available           |
| Leáphointe        | : Not available           |
| Reophointe        | : Not available           |

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|   |                          |
|---|--------------------------|
| Fiuchphointe                                    | : Not available          |
| Inadhainteacht                                  | : Not available          |
| Teorainneacha pléascacha                        | : Ní bhaineann le hábhar |
| 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                                 | : 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

Stable under normal conditions.

### 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

None under normal use. See Section 7.

### 10.6. Táirgí dianscaoilte guaiseacha

When heated to decomposition, emits dangerous fumes.

## CUID 11: Faisnéis thocsaineolaíoch

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

|                                    |   |
|------------------------------------|---|
| Acute toxicity (oral)              | : Marfach má shlogtar.                    |
| Acute toxicity (dermal)            | : Marfach i dteagmháil leis an gcaiceann. |
| Acute toxicity (inhalation)        | : Marfach má ionanálaítear.               |
| Creimeadh/greannú craicinn         | : Not classified                          |
| Damáiste/greannú tromchúiseach súl | : Not classified                          |
| Íoghrú riospráide nó craicinn      | : Not classified                          |

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|  |  |
|--|--|
| Só-ghineacht ghaiméite                               | : Not classified   |
| Carcanaigineacht                                     | : Not classified   |
| Tocsaineacht atáirgthe                               | : Not classified   |
| Tocsaineacht sain-spriocorgáin (aon nochtadh amháin) | : Not classified   |
| Tocsaineacht sain-spriocorgáin (ilnochtadh)          | : Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
| Guais asúite   | : Not classified   |

### 11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

## CUID 12: Faisnéis éiceolaíochta

### 12.1. Tocsaineacht

|   |  |
|---|--|
| Éiceolaíocht - ginearálta   | : Hazardous waste. Use suitable disposal containers. |
| Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais)   | : Not classified                                     |
| Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach) | : Not classified                                     |

### 12.2. Inchoimeádachas agus díghráiditheacht

Níl aon fhaisnéis bhreise ar fáil

### 12.3. Acmhainneacht bhithbhailitheach

Níl aon fhaisnéis bhreise ar fáil

### 12.4. Soghluaisteacht san ithir

Níl aon fhaisnéis bhreise ar fáil

### 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

|  |  |
|--|--|
| Regional legislation (waste)               | : Dispose in a safe manner in accordance with local/national regulations.  |
| Product/Packaging disposal recommendations | : Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. |

## CUID 14: Faisnéis Iompair




In accordance with ADR / IMDG / IATA

| ADR                                 | IMDG    | IATA    |
|-------------------------------------|---------|---------|
| <b>14.1. UN number or ID number</b> |         |         |
| UN 2811                             | UN 2811 | UN 2811 |

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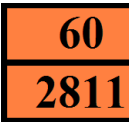

## Bileog Sonraí Sábháilteachta

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| ADR   | IMDG  | IATA  |
|---|---|---|
| <b>14.2. Ainm seolta ceart UN</b>   |   |   |
| TOXIC SOLID, ORGANIC, N.O.S.  | TOXIC SOLID, ORGANIC, N.O.S.  | Toxic solid, organic, n.o.s.  |
| <b>Transport document description</b>   |   |   |
| UN 2811 TOXIC SOLID, ORGANIC, N.O.S.,<br>6.1, II, (D/E)                           | UN 2811 TOXIC SOLID, ORGANIC, N.O.S.,<br>6.1, II                                  | UN 2811 Toxic solid, organic, n.o.s., 6.1, II                                       |
| <b>14.3. Aicme nó aicmí guaise iompair</b>  |   |   |
| 6.1   | 6.1   | 6.1   |
|  |  |  |
| <b>14.4. Grúpa pacála</b>   |   |   |
| II  | II  | II  |
| <b>14.5. Guaiseacha comhshaoil</b>  |   |   |
| Contúirteach don chomhshaoil: No  | Contúirteach don chomhshaoil: No<br>Truailleán mara: No                           | 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)  | : 500g   |
| Excepted quantities (ADR)   | : E4   |
| Packing instructions (ADR)  | : P002, IBC08  |
| Packing provisions (ADR)  | : B4   |
| Mixed packing provisions (ADR)  | : MP10   |
| Portable tank and bulk container instructions (ADR)                     | : T3   |
| 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 - Packages (ADR)                        | : V11  |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13, CV28   |
| Special provisions for carriage - Operation (ADR)                       | : S9, S19  |
| Hazard identification number (Kemler No.)                               | : 60   |
| Orange plates   | : <br> |
| Tunnel restriction code (ADR)   | : D/E  |

#### Iompar ar muir

|                                 |           |
|---------------------------------|-----------|
| Special provision (IMDG)        | : 274     |
| Limited quantities (IMDG)       | : 500 g   |
| Excepted quantities (IMDG)      | : E4      |
| Packing instructions (IMDG)     | : P002    |
| IBC packing instructions (IMDG) | : IBC08   |
| IBC special provisions (IMDG)   | : B21, B4 |
| Tank instructions (IMDG)        | : T3      |
| Tank special provisions (IMDG)  | : TP33    |

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|                                    |   |
|------------------------------------|---|
| EmS-No. (Fire)                     | : F-A   |
| EmS-No. (Spillage)                 | : S-A   |
| Stowage category (IMDG)            | : B   |
| Properties and observations (IMDG) | : Toxic if swallowed, by skin contact or by inhalation. |

### Aeriompar

|  |          |
|--|----------|
| PCA Excepted quantities (IATA)               | : E4     |
| PCA Limited quantities (IATA)                | : Y644   |
| PCA limited quantity max net quantity (IATA) | : 1kg    |
| PCA packing instructions (IATA)              | : 669    |
| PCA max net quantity (IATA)                  | : 25kg   |
| CAO packing instructions (IATA)              | : 676    |
| CAO max net quantity (IATA)                  | : 100kg  |
| Special provisions (IATA)                    | : A3, A5 |
| ERG code (IATA)                              | : 6L     |

## 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)

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

##### PIC Regulation (Prior Informed Consent)

Ní bhaineann le hábhar

##### POP Regulation (Persistent Organic Pollutants)

Ní bhaineann le hábhar

##### Ozone Regulation (1005/2009)

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

##### 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)

#### 15.1.2. Rialacháin náisiúnta

Níl aon fhaisnéis bhreise ar fáil

## 15.2. Measúnú sábháilteachta ceimicí

Níl aon fhaisnéis bhreise ar fáil

## CUID 16: Faisnéis eile

### Léiriú ar na hathruithe:

Aicmiú na substainte nó an mheascáin.



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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 2 (Bhéil)                | Géarthocsaineacht (bhéil), Catagóir 2                      |
| Acute Tox. 2 (Deirmeach)            | Géarthocsaineacht (dheirmeach), Catagóir 2                 |
| Acute Tox. 2 (Ionanál)              | Géarthocsaineacht (ionanál), Catagóir 2                    |
| H300                                | Marfach má shlogtar.                                       |
| H310                                | Marfach i dteagmháil leis an gcaiceann.                    |
| H330                                | Marfach má ionanálaítear.                                  |
| H372                                | Déanann damáiste d'orgáin trí nochtadh fada nó ilnochtadh. |
| STOT RE 1                           | Tocsaineacht sain-spriocorgáin – Athnochtadh, Catagóir 1   |

Safety Data Sheet (SDS), EU

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