

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

1.1. Sainaitheantóir táirge

Foirm an táirge	: Meascán
Trade name	: Horizon
Type of product	: adhesives
Product group	: Trade product

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

Úsáidí sainaitheanta ábhartha

Príomhchatagóir úsáide	: Adhesives, Sealants
Industrial/Professional use spec	: For professional use only Industrial
Úsáid na substainte / an mheascáin	: Adhesives, binding agents
Function or use category	: Adhesives, binding agents

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Manufacturer

IPS Adhesives Ltd (UK & Europe)
New York Way
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Authorised Representative

Authorised Rep Compliance Ltd.
Ground Floor
71 Lower Baggot Street
D02 P593 Dublin
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1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála	: 001- 813-248-0585 (International) VelocityEHS: 24 hrs/7 days
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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]

Leachtanna inadhainte, Catagóir 2	H225
Creimeadh/greannú craicinn, Catagóir 2	H315
Íoghrú craicinn, Catagóir 1	H317
Tocsaineacht sain-spríocorgáin – aon nochtadh amháin, Catagóir 3, Greannú na conaire Riospráide	H335
Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 2	H411

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

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

Níl aon fhaisnéis bhreise ar fáil

2.2. Eilimintí lipéid

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

Hazard pictograms (CLP)



Signal word (CLP) : Contúirt

Horizon

Bileog Sonraí Sábháilteachta

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

Contains	: 2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOLBIS-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATEMETHYL-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATE1,1,1-TRIMETHYLOLPROPANE TRI(3-MERCAPTOPROPIONATE)TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERSN-METHYL-N-HYDROXYETHYL-P-TOLUIDINEMethyl MethacrylateDIBENZOYL PEROXIDE
Hazard statements (CLP)	: H225 - Leacht an-inadhainte agus gal an-inadhainte. H315 - Ina chúis le greannú craicinn. H317 - D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn. H335 - D'fhéadfadh sé a bheith ina chúis le greannú riospráide. H411 - Tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.
Ráitis réamhchúiraim (CLP)	: P210 - Coimeád ó theas, dromchlaí te, splancacha, lasair gan chosaint agus foinsí eile adhainte. Ná caitear tobac. P261 - Seachain deannach/múch/gás/ceo/gala/sprae a análú. P273 - Ná scaoiltear amach sa chomhshaol. P280 - Caith éadaí cosanta, cosaint súile, cosaint aghaidhe. P303+P361+P353 - I gCÁS TEAGMHÁLA LEIS AN gCRAICEANN (nó le gruaig): Bain díot láithreach na héadaí éillithe go léir. Sruthlaítear an craiceann le huisce . P333+P313 - Má tharlaíonn greannú nó gríos craicinn: Faigh comhairle/cúram liachta. P305+P351+P338 - I gCÁS TEAGMHÁLA LEIS NA SÚILE: Sruthlaítear go cúramach le huisce ar feadh roinnt nóiméad. Tóg amach na tadhall-lionsaí, más ann dóibh agus más furasta é sin a dhéanamh. Lean den sruthlú.
Frásaí EUH	: EUH210 - Bileog sonraí sábháilteachta ar fáil arna iarraidh sin.

2.3. Guaiseacha eile

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

Comhpháirt	
	2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4), A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)
	2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4), A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

3.2. Meascán

Ainm	Sainaitheantóir táirge		Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]
Methyl Methacrylate substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK); substance with a Community workplace exposure limit	Uimh. CAS: 80-62-6 Uimh. CE: 201-297-1 Uimh. innéacs CE: 607-035-00-6 REACH-no: 01-2119452498-28	$\geq 50 - < 75$	Flam. Liq. 2, H225 Acute Tox. 2 (Bhéil), H300 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 3, H412
DIPROPYLENE GLYCOL DIBENZOATE	Uimh. CAS: 27138-31-4 Uimh. CE: 248-258-5	$\geq 2 - < 5$	Aquatic Chronic 2, H411
A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384]	Uimh. CAS: 127519-17-9 Uimh. CE: 407-000-3 Uimh. innéacs CE: 607-281-00-4	$\geq 0,1 - < 5$	Aquatic Chronic 2, H411

Horizon

Bileog Sonraí Sábháilteachta

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

Ainm	Sainitheantóir táirge		Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]
BIS-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATE	Uimh. CAS: 41556-26-7 Uimh. CE: 255-437-1	≥ 0,1 – < 2	Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9)	Uimh. CAS: 153519-44-9 Uimh. CE: 410-560-1	≥ 0,1 – < 1	Aquatic Acute 1, H400 Aquatic Chronic 4, H413
2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL	Uimh. CAS: 2440-22-4 Uimh. CE: 219-470-5 REACH-no: 01-2119583811-34	≥ 0,1 – < 1	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS	Uimh. CAS: 3290-92-4 Uimh. CE: 221-950-4	≥ 0,1 – < 1	Acute Tox. 2 (Bhéil), H300 Aquatic Chronic 2, H411
METHYL-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE	Uimh. CAS: 82919-37-7 Uimh. CE: 280-060-4	≥ 0,1 – < 1	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
DIBENZOYL PEROXIDE substance with national workplace exposure limit(s) (BE, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, PT, SI, SK)	Uimh. CAS: 94-36-0 Uimh. CE: 202-327-6 Uimh. innéacs CE: 617-008-00-0 REACH-no: 01-2119511472-50	≥ 0,1 – < 1	Org. Perox. B, H241 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
N-METHYL-N-HYDROXYETHYL-P-TOLUIDINE	Uimh. CAS: 2842-44-6 Uimh. CE: 220-638-5 REACH-no: 01-2110827830-56	≥ 0,1	Acute Tox. 4 (Bhéil), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335
1,1,1-TRIMETHYLOLPROPANE TRI(3-MERCAPTOPROPIONATE)	Uimh. CAS: 33007-83-9 Uimh. CE: 251-336-1 REACH-no: 01-2120770061-65	≥ 0,1	Acute Tox. 4 (Bhéil), H302 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) 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

Níl aon fhaisnéis bhreise ar fáil

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

Níl aon fhaisnéis bhreise ar fáil

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

Níl aon fhaisnéis bhreise ar fáil

Horizon

Bileog Sonraí Sábháilteachta

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

5.3. Comhairle do chomhraiseoirí dóiteáin

Níl aon fhaisnéis bhreise ar fáil

CUID 6: Bearta i gcás scaoileadh de thaisme

6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

Níl aon fhaisnéis bhreise ar fáil

6.2. Réamhchúraimí comhshaoil

Níl aon fhaisnéis bhreise ar fáil

6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

Níl aon fhaisnéis bhreise ar fáil

6.4. Tagairt do chodanna eile

Níl aon fhaisnéis bhreise ar fáil

CUID 7: Láimhseáil agus stóráil

7.1. Réamhchúraimí maidir le láimhseáil shábháilte

Níl aon fhaisnéis bhreise ar fáil

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

An Eilvéis

Storage class (LK) : LK 3 - Flammable liquids

7.3. Úsáid shonrach deiridh nó úsáid sonracha deiridh

Adhesives, Sealants.

CUID 8: Rialuithe nochtá / cosaint phearsanta

8.1. Paraiméadair rialaithe

National occupational exposure and biological limit values

Methyl Methacrylate (80-62-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Methyl methacrylate
IOEL TWA	50 ppm
IOEL STEL	100 ppm
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU
An Ostair - Occupational Exposure Limits	
MAK (OEL TWA)	210 mg/m ³
	50 ppm
MAK (OEL STEL)	420 mg/m ³
	100 ppm
An Bheilg - Occupational Exposure Limits	
Local name	Méthacrylate de méthyle # Methylmethacrylaat

Horizon

Bileog Sonraí Sábháilteachta

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

Methyl Methacrylate (80-62-6)	
OEL TWA	208 mg/m ³
	50 ppm
OEL STEL	416 mg/m ³
	100 ppm
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
An Bhulgáir - Occupational Exposure Limits	
Local name	Метилметакрилат
OEL TWA	50 ppm
OEL STEL	100 ppm
Remark	• (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 28 от 2024 г., в сила от 05.04.2024 г.)
An Chróit - Occupational Exposure Limits	
Local name	Metil-metakrilat; metil-2-metil-prop-2-enoat; metil-2-metil-propenoat
GVI (OEL TWA)	50 ppm
KGVI (OEL STEL)	100 ppm
Remark	Direktiva: 2009/161/EU. Napomena: Koža (razvrstana kao tvar koja nadražuje kožu (H315)), alergen koža (tvar koja može izazvati alergijsku reakciju na koži (H317))
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 148/2023)
Poblacht na Seice - Occupational Exposure Limits	
Local name	Methylmetakrylát (Methylester 2-methyl-2-propenové kyseliny)
PEL (OEL TWA)	50 mg/m ³
	12 ppm
NPK-P (OEL C)	150 mg/m ³
	36 ppm
Remark	I - dráždí sliznice (oči, dýchací cesty), resp. kůži, S - látka má senzibilizující účinek (s větou H317, H334).
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 20/2025 Sb.)
An Danmhaig - Occupational Exposure Limits	
Local name	Methylmethacrylat (Methacrylsyremethylester; 2-Methylpropensyremethylester)
OEL TWA	102 mg/m ³
	25 ppm
OEL STEL	100 ppm
Remark	E (betyder, at stoffet har en EU-grænseværdi); H (betyder, at stoffet kan optages gennem huden)
Regulatory reference	BEK nr 1619 af 19/12/2024
An Eastóin - Occupational Exposure Limits	
Local name	Metüülmetakrülaat (metüül-2-metüülpropenaat)

Horizon

Bileog Sonraí Sábháilteachta

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

Methyl Methacrylate (80-62-6)	
OEL TWA	50 ppm
OEL STEL	100 ppm
Remark	S (Sensibiliseeriv aine)
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 02.04.2024, 13)
An Fhionlainn - Occupational Exposure Limits	
Local name	Metyylimetakrylaatti
HTP (OEL TWA)	42 mg/m ³
	10 ppm
HTP (OEL STEL)	210 mg/m ³
	50 ppm
Regulatory reference	HTP-ARVOT 2025 (Sosiaali- ja terveysministeriö)
An Fhrainc - Occupational Exposure Limits	
Local name	Méthacrylate de méthyle
VLEP 8h (OEL TWA)	205 mg/m ³
	50 ppm
VLEP CT (OEL STEL)	410 mg/m ³
	100 ppm
Remark	Valeurs réglementaires contraignantes
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 6443, 2022; Outil65; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849; Décret n° 2024-307)
An Ghearmáin - Occupational Exposure Limits (TRGS 900)	
Local name	Methyl-methacrylat
AGW (OEL TWA)	210 mg/m ³
	50 ppm
Peak exposure limitation factor	2(l)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); EU - Europäische Union (Von der EU wurde ein Luftgrenzwert festgelegt: Abweichungen bei Wert und Spitzenbegrenzung sind möglich); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
Giobráltair - Occupational Exposure Limits	
Local name	Methyl methacrylate
OEL TWA	50 ppm
OEL STEL	100 ppm
Regulatory reference	Factories (Control of Chemical Agents at Work) Regulations 2003 (LN. 2018/181)
An Ghréig - Occupational Exposure Limits	
Local name	Μεθακρυλικός μεθυλεοτέρας
OEL TWA	100 ppm
OEL STEL	200 ppm

Horizon

Bileog Sonraí Sábháilteachta

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

Methyl Methacrylate (80-62-6)	
Regulatory reference	Π.Δ. 12/2012 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
An Ungáir - Occupational Exposure Limits	
Local name	METIL-METAKRILÁT
AK (OEL TWA)	208 mg/m ³ 50 ppm
CK (OEL STEL)	415 mg/m ³ 100 ppm
Remark	b (Bőrön át is felszívódik), i (ingerlő anyag, amely izgatja a bőrt, nyálkahártyát, szemet vagy mindhármát), sz (Túlérzékenységet okozó (szenzibilizáló) tulajdonságú anyag. Az anyagra érzékeny egyéneken „túlérzékenységen” alapuló bőr-, légzőrendszeri, esetleg más szervet/szervrendszert károsító megbetegedést okozhat); EU3 (2009/161/EK irányelvben közölt érték); N (Irritáló anyagok, egyszerű fojtógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
Éire - Occupational Exposure Limits	
Local name	Methyl methacrylate
OEL TWA	50 ppm
OEL STEL	100 ppm
Remark	IOELV (Indicative Occupational Exposure Limit Values), Sens (In the workplace, respiratory or dermal exposures to sensitising agents may occur. Sensitisers may evoke respiratory or dermal reactions, e.g. asthma, rhinitis and allergic contact dermatitis. The “sens” notation alone does not distinguish between respiratory or dermal sensitisation. Chemical agents that are sensitisers present special problems in the workplace. Should an employee become sensitised, subsequent exposure may cause intense responses, even at low exposure concentrations well below the OELV. Exposure should be eliminated or significantly reduced through control measures such as engineering and process controls and use of personal protective equipment (PPE))
Regulatory reference	Chemical Agents Code of Practice 2024
An Iodáil - Occupational Exposure Limits	
Local name	Metacrilato di metile
OEL TWA	50 ppm
OEL STEL	100 ppm
Regulatory reference	Allegato XXXVIII del Decreto Legislativo 4 settembre 2024, n. 135
An Laitvia - Occupational Exposure Limits	
Local name	Metilmetakrilāts (2-metilpropēnskābes metilesteris, metil-2-metilpropeonāts)
OEL TWA	10 mg/m ³
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2024. gada 26. martā noteikumiem Nr. 191).
An Liotuáin - Occupational Exposure Limits	
Local name	Metilmetakrilatas
IPRV (OEL TWA)	208 mg/m ³ 50 ppm
TPRV (OEL STEL)	416 mg/m ³

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Methyl Methacrylate (80-62-6)	
	100 ppm
Remark	J (jautrinantis poveikis)
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
Lucsamburg - Occupational Exposure Limits	
Local name	Méthacrylate de méthyle
OEL TWA	50 ppm
OEL STEL	100 ppm
Regulatory reference	Mémorial A N° 226 de 2021 concernant la protection de la sécurité et de la santé des salariés contre les risques liés à des agents chimiques sur le lieu de travail
Málta - Occupational Exposure Limits	
Local name	Methyl methacrylate
OEL TWA	50 ppm
OEL STEL	100 ppm
Regulatory reference	S.L. 424.24 - Chemical Agents at Work Regulations (L.N. 356 of 2021) # L.S. 424.24 - Regolamenti dwar Aġenti Kimiċi fuq il-Post tax-Xogħol (A.L. 356 tal-2021)
An Ísiltír - Occupational Exposure Limits	
Local name	Methylmethacrylaat
MAC-TGG (OEL TWA)	205 mg/m ³ 50 ppm
MAC-15 (OEL STEL)	410 mg/m ³ 100 ppm
Regulatory reference	Arbeidsomstandighedenregeling 2024
An Pholainn - Occupational Exposure Limits	
Local name	Metakrylan metylu
NDS (OEL TWA)	100 mg/m ³
NDSch (OEL STEL)	300 mg/m ³
Regulatory reference	Dz. U. 2024 poz. 1017 wraz z późn. zm.
An Phortaingéil - Occupational Exposure Limits	
Local name	Metacrilato de metilo
OEL TWA	50 ppm
OEL STEL	100 ppm
Remark	S (Agente com potencial para produzir sensibilização); A4 (Agente não classificável como carcinogénico no Homem)
Regulatory reference	Norma Portuguesa NP 1796:2014
An Rómáin - Occupational Exposure Limits	
Local name	Metacrilat de metil/Metil 2-metilpropenoat
OEL TWA	205 mg/m ³ 50 ppm
OEL STEL	410 mg/m ³ 100 ppm

Horizon

Bileog Sonraí Sábháilteachta

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

Methyl Methacrylate (80-62-6)	
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 179/2024)
Serbia - Occupational Exposure Limits	
Local name	метил-метакрилат
OEL TWA	50 ppm
OEL STEL	100 ppm
Remark	ЕУ*** – напомена да се ради о хемијским материјама за које су утврђене индикативне граничне вредности изложености према Директиви 2009/161/ЕУ (трећа листа)
Regulatory reference	ПРАВИЛНИК о превентивним мерама за безбедан и здрав рад при излагању хемијским материјама („Службени гласник РС”, бр. 106/09, 117/17 и 107/21)
An tSlóvaic - Occupational Exposure Limits	
Local name	Metylmetakrylát (metyl 2-etylpropenoát)
NPHV (OEL TWA)	50 ppm
NPHV (OEL STEL)	100 ppm
Remark	S – znamená, že faktor môže spôsobiť senzibilizáciu
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (122/2024 Z. z.)
An tSlovéin - Occupational Exposure Limits	
Local name	metilmetakrilat (metil 2-metilprop-2-enoat; metil 2-metilpropenoat)
OEL TWA	210 mg/m ³ 50 ppm
OEL STEL	420 mg/m ³ 100 ppm
Remark	Y (Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in bat vrednosti), EU
Regulatory reference	Uradni list RS, št. 26/2025 z dne 18.4.2025 - Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu
An Spáinn - Occupational Exposure Limits	
Local name	Metacrilato de metilo
VLA-ED (OEL TWA)	50 ppm
VLA-EC (OEL STEL)	100 ppm
Remark	Sen (Sensibilizante), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2025. INSHT
An tSualainn - Occupational Exposure Limits	
Local name	Methylmetakrylat
NGV (OEL TWA)	200 mg/m ³ 50 ppm
KGV (OEL STEL)	400 mg/m ³ 100 ppm
Remark	M (Medicinska kontroller kan krävas för hantering av ämnet); SH (Sensibiliserande ämnen som kan ge allergi eller annan överkänslighet i huden); 23 (Ämnet har ett indikativt EU-gränsvärde)

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Methyl Methacrylate (80-62-6)	
Regulatory reference	Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:14) om gränsvärden för luftvägsexponering i arbetsmiljön
An Ríocht Aontaithe - Occupational Exposure Limits	
Local name	Methyl methacrylate
WEL TWA (OEL TWA)	208 mg/m ³ 50 ppm
WEL STEL (OEL STEL)	416 mg/m ³ 100 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
An Íoslainn - Occupational Exposure Limits	
Local name	Metýlmetakrílat (metakrílsýrumetýlester, 2-metýlprópensýrumetýlester)
OEL TWA	50 ppm
OEL STEL	100 ppm
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 1296/2012)
An Iorua - Occupational Exposure Limits	
Local name	Metylmetakrylat (Metakrylsyremetylester)
Grenseverdi (OEL TWA)	100 mg/m ³ 25 ppm
Korttidsverdi (OEL STEL)	400 mg/m ³ 100 ppm
Remark	A: Kjemikalier som skal betraktes som at de fremkaller allergi eller annen overfølsomhet i øynene eller luftveier, eller som skal betraktes som at de fremkaller allergi ved hudkontakt; E: EU har en veiledende grenseverdi og/eller anmerkning for stoffet.
Regulatory reference	FOR-2024-04-05-581
An Eilvéis - Occupational Exposure Limits	
Local name	Méthacrylate de méthyle / Methylmethacrylat [Methacrylsäuremethylester]
MAK (OEL TWA)	210 mg/m ³ 50 ppm
KZGW (OEL STEL)	420 mg/m ³ 100 ppm
Notation	S, SS _C / S, SS _C
Remark	INRS, NIOSH
Regulatory reference	www.suva.ch, 01.01.2025
USA - ACGIH - Occupational Exposure Limits	
Local name	Methyl methacrylate
ACGIH® TLV® TWA	205 mg/m ³ 50 ppm
ACGIH® TLV® STEL	410 mg/m ³ 100 ppm

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Methyl Methacrylate (80-62-6)	
Remark (ACGIH®)	TLV® Basis: URT & Eye irr; Body weight; Pulm edema. Notations: DSEN; A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2025
DIBENZOYL PEROXIDE (94-36-0)	
An Bheilig - Occupational Exposure Limits	
Local name	Peroxyde de dibenzoyle # Dibenzoylperoxide
OEL TWA	5 mg/m ³
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
An Chróit - Occupational Exposure Limits	
Local name	Dibenzoil peroksid; benzoil peroksid
GVI (OEL TWA)	5 mg/m ³
Remark	Alergen koža (tvar koja može izazvati alergijsku reakciju na koži (H317))
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 148/2023)
Poblacht na Seice - Occupational Exposure Limits	
Local name	Benzoylperoxid (Dibenzoylperoxid)
PEL (OEL TWA)	5 mg/m ³
NPK-P (OEL C)	10 mg/m ³
Remark	I - dráždí sliznice (oči, dýchací cesty), resp. kůži, S - látka má senzibilizující účinek (s větou H317, H334).
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 20/2025 Sb.)
An Danmhaig - Occupational Exposure Limits	
Local name	Benzoylperoxid (Dibenzoylperoxid)
OEL TWA	5 mg/m ³
Regulatory reference	BEK nr 1619 af 19/12/2024
An Eastóin - Occupational Exposure Limits	
Local name	Bensoöülperoksiid
OEL TWA	5 mg/m ³
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 02.04.2024, 13)
An Fhionlainn - Occupational Exposure Limits	
Local name	Bentsoyyliperoksidi
HTP (OEL TWA)	5 mg/m ³
HTP (OEL STEL)	10 mg/m ³
Regulatory reference	HTP-ARVOT 2025 (Sosiaali- ja terveystieteiden ministeriö)
An Fhrainc - Occupational Exposure Limits	
Local name	Peroxyde de dibenzoyle
VLEP 8h (OEL TWA)	5 mg/m ³
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)

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DIBENZOYL PEROXIDE (94-36-0)	
An Ghearmáin - Occupational Exposure Limits (TRGS 900)	
Local name	Dibenzoylperoxid
AGW (OEL TWA)	4 mg/m ³ (E) 1 mg/m ³ (A)
Peak exposure limitation factor	(A): 4(II);(E): 2(I)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
An Ghréig - Occupational Exposure Limits	
Local name	Υπεροξειδίο του βενζοϋλίου
OEL TWA	5 mg/m ³
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
An Ungáir - Occupational Exposure Limits	
Local name	DIBENZOIL-PEROXID
AK (OEL TWA)	5 mg/m ³
CK (OEL STEL)	5 mg/m ³
Remark	b (Bőrön át is felszívódik), i (ingerlő anyag, amely izgatja a bőrt, nyálkahártyát, szemet vagy mindhármát), sz (Túlérzékenységet okozó (szenzibilizáló) tulajdonságú anyag. Az anyagra érzékeny egyéneken „túlérzékenységen” alapuló bőr-, légzőrendszeri, esetleg más szervet/szervrendszert károsító megbetegedést okozhat); N (Irritáló anyagok, egyszerű fojtógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
Éire - Occupational Exposure Limits	
Local name	Dibenzoyl peroxide [Benzoyl peroxide]
OEL TWA	5 mg/m ³
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values), Sens (In the workplace, respiratory or dermal exposures to sensitising agents may occur. Sensitisers may evoke respiratory or dermal reactions, e.g. asthma, rhinitis and allergic contact dermatitis. The “sens” notation alone does not distinguish between respiratory or dermal sensitisation. Chemical agents that are sensitisers present special problems in the workplace. Should an employee become sensitised, subsequent exposure may cause intense responses, even at low exposure concentrations well below the OELV. Exposure should be eliminated or significantly reduced through control measures such as engineering and process controls and use of personal protective equipment (PPE))
Regulatory reference	Chemical Agents Code of Practice 2024
An Phortaingéil - Occupational Exposure Limits	
Local name	Peróxido de benzoílo
OEL TWA	5 mg/m ³
Remark	A4 (Agente não classificável como carcinogénico no Homem)
Regulatory reference	Norma Portuguesa NP 1796:2014

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DIBENZOYL PEROXIDE (94-36-0)	
An tSlóvaic - Occupational Exposure Limits	
Local name	Dibenzoyldioxidán (dibenzoylperoxid)
NPHV (OEL TWA)	5 mg/m ³
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (122/2024 Z. z.)
An tSlóivéin - Occupational Exposure Limits	
Local name	dibenzoilperoksid (benzoilperoksid)
OEL TWA	5 mg/m ³
OEL STEL	5 mg/m ³
Regulatory reference	Uradni list RS, št. 26/2025 z dne 18.4.2025 - Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu
An Spáinn - Occupational Exposure Limits	
Local name	Peróxido de benzoilo
VLA-ED (OEL TWA)	5 mg/m ³
Remark	Sen (Sensibilizante).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2025. INSHT
An Ríocht Aontaithe - Occupational Exposure Limits	
Local name	Dibenzoyl peroxide
WEL TWA (OEL TWA)	5 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
An Íoslainn - Occupational Exposure Limits	
Local name	Díbensóylperoxíð (bensóylperoxíð)
OEL TWA	5 mg/m ³
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
An Íorua - Occupational Exposure Limits	
Local name	Benzoylperoksid (Dibenzoylperoksid)
Grenseverdi (OEL TWA)	5 mg/m ³
Remark	A: Kjemikalier som skal betraktes som at de fremkaller allergi eller annen overfølsomhet i øynene eller luftveier, eller som skal betraktes som at de fremkaller allergi ved hudkontakt.
Regulatory reference	FOR-2024-04-05-581
An Eilvéis - Occupational Exposure Limits	
Local name	Peroxyde de benzoyle / Dibenzoylperoxid [Benzoylperoxid]
MAK (OEL TWA)	5 mg/m ³ (i) / (e)
KZGW (OEL STEL)	5 mg/m ³ (i) / (e)
Remark	NIOSH
Regulatory reference	www.suva.ch, 01.01.2025
USA - ACGIH - Occupational Exposure Limits	
Local name	Benzoyl peroxide
ACGIH® TLV® TWA	5 mg/m ³
Remark (ACGIH®)	TLV® Basis: URT & skin irr. Notations: A4 (Not classifiable as a Human Carcinogen)

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DIBENZOYL PEROXIDE (94-36-0)

Regulatory reference ACGIH 2025

8.2. Rialuithe nochtá

Níl aon fhaisnéis bhreise ar fáil

CUID 9: Airíonna fisiceacha agus ceimiceacha

9.1. Faisnéis bunaithe ar bhunairíonna fisiceacha agus ceimiceacha

Staid fhisiceach	: Leachtach
Dath	: Various colours.
Boladh	: characteristic.
Tairseach bolaidh	: Not available
Leáphointe	: Not available
Reophointe	: Not available
Fiuchphointe	: 100,5 °C Based on Methyl Methacrylate
Inadhainteacht	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Splancphointe	: 12 °C Based on Methyl Methacrylate
Teocht uath-adhainte	: 425 °C Based on Methyl Methacrylate
Teocht dianscaoilte	: Not available
pH	: 3,9
pH solution concentration	: 50 % Water solution
Slaodacht, cinéimiteach	: Not available
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	: Not available
Particle characteristics	: Ní bhaineann le hábhar

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

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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) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4)

LD50 ó bhéal francach	> 10000 mg/kg
LD50 dermal rat	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: other:US AFDO (1959) Appraisal of the Safety of Chemicals in Food, Drugs and Cosmetics
LC50 ionanálú francach	> 0,59 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

BIS-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATE (41556-26-7)

LD50 ó bhéal francach	2369 – 3920 mg/kg Source: International Uniform Chemical Information Database
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A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)

LD50 ó bhéal francach	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 ionanálú francach	> 5,8 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)

LD50 ó bhéal francach	5,66 mg/kg Source: National Library of Medicine
LD50 deirmeach coinín	16000 mg/kg Source: National Library of Medicine

N-METHYL-N-HYDROXYETHYL-P-TOLUIDINE (2842-44-6)

LD50 ó bhéal francach	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LD50 dermal	> 2000 mg/kg

Methyl Methacrylate (80-62-6)

LD50 ó bhéal francach	7900 mg/kg Source: NITE, HSDB, ChemIDplus
LD50 oral	29,8 mg/l 4hrs
LD50 deirmeach coinín	> 5000 mg/kg meáchan coirp Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat [ppm]	7093 ppm Source: HSDB

4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9) (153519-44-9)

LD50 ó bhéal francach	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

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DIPROPYLENE GLYCOL DIBENZOATE (27138-31-4)	
LD50 dermal rat	> 2000 mg/kg meáchan coirp Animal: rat, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:
LC50 ionanálú francach	> 200 mg/l air Animal: rat, Remarks on results: other:
DIBENZOYL PEROXIDE (94-36-0)	
LD50 ó bhéal francach	> 5000 mg/kg meáchan coirp Animal: rat, Animal sex: male
Creimeadh/greannú craicinn	: Ina chúis le greannú craicinn. pH: 3,9
2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4)	
pH	6
Damáiste/greannú tromchúiseach súl	: Not classified pH: 3,9
2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4)	
pH	6
Íogru riospráide nó craicinn	: D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.
Só-ghineacht ghaiméite	: Not classified
Carcanaigineacht	: Not classified
Methyl Methacrylate (80-62-6)	
IARC group	3 - Not classifiable
DIBENZOYL PEROXIDE (94-36-0)	
IARC group	3 - Not classifiable
Tocsaineacht atáirgthe	: Not classified
TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)	
NOAEL (animal/female, F0/P)	≥ 1000 mg/kg meáchan coirp Animal: rat, Animal sex: female, Guideline: OECD Guideline 443 (Extended One-Generation Reproductive Toxicity Study), Guideline: other:
DIBENZOYL PEROXIDE (94-36-0)	
NOAEL (animal/male, F0/P)	500 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)
NOAEL (animal/female, F0/P)	≥ 1000 mg/kg meáchan coirp Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Tocsaineacht sain-spricorgáin (aon nochtadh amháin)	: D'fhéadfadh sé a bheith ina chúis le greannú riospráide.
N-METHYL-N-HYDROXYETHYL-P-TOLUIDINE (2842-44-6)	
Tocsaineacht sain-spricorgáin (aon nochtadh amháin)	D'fhéadfadh sé a bheith ina chúis le greannú riospráide.
Methyl Methacrylate (80-62-6)	
Tocsaineacht sain-spricorgáin (aon nochtadh amháin)	D'fhéadfadh sé a bheith ina chúis le greannú riospráide.
Tocsaineacht sain-spricorgáin (ilnochtadh)	: Not classified

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TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)	
LOAEL (béal,francach,90 lá)	1000 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
LOAEL (deirmeach,francach/coinín,90 lá)	300 mg/kg meáchan coirp Animal: rabbit
NOAEL (béal,francach,90 lá)	300 mg/kg meáchan coirp Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (deirmeach,francach/coinín,90 lá)	300 mg/kg meáchan coirp Animal: rabbit

4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9) (153519-44-9)	
NOAEL (béal,francach,90 lá)	≈ 241 mg/kg meáchan coirp Animal: rat, Guideline: other:

Guais asúite : Not classified

TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)	
Slaodacht, cinéimiteach	61,425 mm ² /s
Methyl Methacrylate (80-62-6)	
Slaodacht, cinéimiteach	0,561 mm ² /s
4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9) (153519-44-9)	
Slaodacht, cinéimiteach	747594,375 mm ² /s

11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

CUID 12: Faisnéis éiceolaíochta

12.1. Tocsaineacht

Guaiseach don chomhshaol uisceach, : Not classified
ghearrthéarmach (géarghuais)

Guaiseach don chomhshaol uisceach, fadtéarmach : Tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.
(guais ainsealach)

2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4)	
LC50 - Fish [1]	> 0,17 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (ainsealach)	0,041 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0,013 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

BIS-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATE (41556-26-7)	
LC50 - Fish [1]	0,97 mg/l Source: International Uniform Chemical Information Database
EC50 96h - Algae [1]	0,017 mg/l Source: Ecological Structure Activity Relationships

METHYL-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE (82919-37-7)	
LC50 - Fish [1]	0,996 mg/l
EC50 96h - Algae [1]	0,615 mg/l Source: ECOSAR

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A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)	
LC50 - Fish [1]	> 9,9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	3,2 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	0,425 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)	
LC50 - Fish [1]	2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 9,22 mg/l Test organisms (species): Daphnia magna
N-METHYL-N-HYDROXYETHYL-P-TOLUIDINE (2842-44-6)	
EC50 - Crustacea [1]	7,03 mg/l
LOEC (géara)	10 mg/l
NOEC chronic crustacea	4,6 mg/l
Methyl Methacrylate (80-62-6)	
LC50 - Fish [1]	> 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	69 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 110 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
LOEC (ainsealach)	68 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	37 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	9,4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d'
4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9) (153519-44-9)	
LC50 - Fish [1]	> 2,8 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	> 0,2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (ainsealach)	> 10 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC (chronic)	≥ 10 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
DIPROPYLENE GLYCOL DIBENZOATE (27138-31-4)	
LC50 - Fish [1]	3,7 mg/l Test organisms (species): Pimephales promelas
DIBENZOYL PEROXIDE (94-36-0)	
LC50 - Fish [1]	0,0602 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	0,11 mg/l Test organisms (species): Daphnia magna
12.2. Inchoimeádachas agus díghráiditheacht	
Horizon	
Inchoimeádachas agus díghráiditheacht	Not rapidly degradable

Horizon

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2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
BIS-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATE (41556-26-7)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
METHYL-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE (82919-37-7)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
1,1,1-TRIMETHYLOLPROPANE TRI(3-MERCAPTOPROPIONATE) (33007-83-9)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
N-METHYL-N-HYDROXYETHYL-P-TOLUIDINE (2842-44-6)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
Methyl Methacrylate (80-62-6)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9) (153519-44-9)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
DIPROPYLENE GLYCOL DIBENZOATE (27138-31-4)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
DIBENZOYL PEROXIDE (94-36-0)	
Inchoimeádachas agus díghrádaitheacht	Not rapidly degradable
12.3. Acmhainneacht bhithbhailitheach	
BIS-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)SEBACATE (41556-26-7)	
Partition coefficient n-octanol/water (Log Pow)	0,37 Source: International Uniform Chemical Information Database
TRIMETHYLOLPROPANE TRIMETHYACRYLATE ESTERS (3290-92-4)	
Partition coefficient n-octanol/water (Log Pow)	4,39 Source: National Library of Medicine
Methyl Methacrylate (80-62-6)	
Partition coefficient n-octanol/water (Log Pow)	1,38 Source: HSDB
4-[4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol reactionproducts with 2-[(dodecyloxy)methyl]oxiraneand2-[(alkyl(C=10~16)oxy)methyl]oxirane(153519-44-9) (153519-44-9)	
Partition coefficient n-octanol/water (Log Pow)	11875 Source: ECHA

Horizon

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12.4. Soghluaisteacht san ithir

A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)

Soghluaisteacht san ithir 262500 Source: EPISUITE

12.5. Torthaí an mheasúnaithe PBT agus vPvB

Comhpháirt

2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4), A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)

2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL (2440-22-4), A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates [CGL 384; TINUVIN 384] (127519-17-9)

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 / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1133	UN 1133	UN 1133	UN 1133	UN 1133
14.2. Ainm seolta ceart UN				
ADHESIVES	ADHESIVES	Adhesives	ADHESIVES	ADHESIVES
Transport document description				
UN 1133 ADHESIVES, 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1133 ADHESIVES, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1133 Adhesives, 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1133 ADHESIVES, 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1133 ADHESIVES, 3, II, ENVIRONMENTALLY HAZARDOUS
14.3. Aicme nó aicmí guaise iompair				
3	3	3	3	3
14.4. Grúpa pacála				
II	II	II	II	II

Horizon

Bileog Sonraí Sábháilteachta

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ADR	IMDG	IATA	ADN	RID
14.5. Guaiseacha comhshaoil				
Contúirteach don chomhshaoil: Tá	Contúirteach don chomhshaoil: Tá Truailleán mara: Tá EmS-No. (Fire): F-E EmS-No. (Spillage): S-D	Contúirteach don chomhshaoil: Tá	Contúirteach don chomhshaoil: Tá	Contúirteach don chomhshaoil: Tá

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Classification code (ADR)	: F1
Special provisions (ADR)	: 640D
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02, R001
Packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP8
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage - Operation (ADR)	: S2, S20
Hazard identification number (Kemler No.)	: 33
Orange plates	:



Tunnel restriction code (ADR)	: D/E
EAC code	: •3YE

Iompar ar muir

Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP8
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

Aeriompar

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

Iompar ar uiscebhealaí intíre

Classification code (ADN)	: F1
Special provisions (ADN)	: 640D
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E2

Horizon

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Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 1

Iompar iarnróid

Classification code (RID) : F1
Special provisions (RID) : 640D
Limited quantities (RID) : 5L
Excepted quantities (RID) : E2
Packing instructions (RID) : P001, IBC02, R001
Packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID) : TP1, TP8
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE7
Hazard identification number (RID) : 33

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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

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)

Rialachán 2024/590 maidir le substaintí a ídíonn an ciseal ózóin

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

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

Contains no substance subject to the COUNCIL REGULATION (EC) for the control 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)

Rialacháin náisiúnta

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Horizon

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An Fhrainc

Occupational diseases	
Code	Description
RG 82	

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.

An Ísiltír

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment

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

An Danmhaig

Class for fire hazard : Class I-1

Store unit : 1 liter

Classification remarks : F <Flam. Liq. 2>; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with it.
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers.

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An Pholainn

Polish National Regulations

- : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

An Spáinn

Royal Decree 665/1997

- : Is not subject to the Royal Decree 665/1997

15.2. Measúnú sábháilteachta ceimicí

No chemical safety assessment has been carried out

CUID 16: Faisnéis eile

Full text of H- and EUH-statements:

Acute Tox. 2 (Bhéil)	Géarthocsaineacht (bhéil), Catagóir 2
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
Aquatic Chronic 2	Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 2
Aquatic Chronic 3	Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 3
Aquatic Chronic 4	Guaiseach don timpeallacht uisceach – Guais Ainsealach, Catagóir 4
Eye Irrit. 2	Damáiste tromchúiseach don tsúil/greannú súl, Catagóir 2
Flam. Liq. 2	Leachtanna inadhaite, Catagóir 2
Org. Perox. B	Sárocsaídí Orgánacha, Cineál B
Skin Irrit. 2	Creimeadh/greannú craicinn, Catagóir 2
Skin Sens. 1	Íoghrú craicinn, Catagóir 1
Skin Sens. 1B	Íoghrú craicinn, Catagóir 1B

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Full text of H- and EUH-statements:	
STOT SE 3	Tocsaineacht sain-spríocorgáin – aon nochtadh amháin, Catagóir 3, Greannú na conaire Riospráide
H225	Leacht an-inadhainte agus gal an-inadhainte.
H241	D'fhéadfadh téamh a bheith ina chúis le dóiteán nó le pléascadh.
H300	Marfach má shlogtar.
H302	Díobhálach má shlogtar.
H315	Ina chúis le greannú craicinn.
H317	D'fhéadfadh sé a bheith ina chúis le frithghníomh ailléirgeach craicinn.
H319	Ina chúis le greannú tromchúiseach don tsúil.
H335	D'fhéadfadh sé a bheith ina chúis le greannú riospráide.
H400	An-tocsaineach don saol uisceach.
H410	An-tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.
H411	Tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.
H412	Díobhálach don saol uisceach, le héifeachtaí fadtréimhseacha.
H413	D'fhéadfadh sé a bheith ina chúis le héifeachtaí fadtréimhseacha díobhálacha ar an saol uisceach.
EUH210	Bileog sonraí sábháilteachta ar fáil arna iarraidh sin.

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.