



# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Dáta eisiúna: 20/12/2021 Dáta athbhreithnithe: 09/01/2022 Supersedes version of: 29/12/2021 Leagan: 3.0

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

#### 1.1. Sainaitheantóir táirge

Foirm an táirge	: Meascán
Product name	: Light Orange 1
Cód an táirge	: LTLO1
Product group	: Finished Ink

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

##### 1.2.1. Úsáidí sainaitheanta ábhartha

Príomhchatagóir úsáide : Intended for professional use as tattoo ink/permanent makeup ink.

##### 1.2.2. Úsáidí dímholta

Níl aon fhaisnéis bhreise ar fáil

#### 1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Ink Projects LLC  
460 Greenway Industrial Drive, Suite A  
29708 Fort Mill, SC

#### 1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála : +1-813-248-0585. In case of emergency search for territorial toxicological emergency number or call 112

### CUID 2: Aithint guaiseacha

#### 2.1. Aicmiú na substainte nó an mheascáin

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

Not classified

##### Éifeachtaí díobhálacha fisiceiceimiceacha, um shláinte an duine agus um an comhshaoil

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Eilimintí lipéid

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

Frásaí EUH : EUH210 - Bileog sonraí sábháilteachta ar fáil arna iarraidh sin.  
EUH211 - Aire! D'fhéadfaí braoiníní guaiseacha inánálaithe a chruthú nuair a spraeáiltear an táirge seo. Ná hanálaigh sprae ná ceo.

#### 2.3. Guaiseacha eile

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

### CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

#### 3.1. Substaint

Ní bhaineann le hábhar

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 3.2. Meascán

Ainm	Sainitheantóir táirge		Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]
Yellow 180 (CI:21290)	Uimh. CAS: 77804-81-0 Uimh. CE: 278-770-4	15 – 25	Aquatic Chronic 2, H411
White 6 (CI:77891)	Uimh. CAS: 13463-67-7 Uimh. CE: 236-675-5 Uimh. innéacs CE: 022-006-00-2	15 – 25	Aquatic Chronic 3, H412
Glycerin	Uimh. CAS: 56-81-5 Uimh. CE: 200-289-5	6 – 7	Acute Tox. 4 (Ionanálú:deannach,ceochán), H332
Ethoxylated Fatty Alcohols	Uimh. CAS: 9004-98-2	1 – 1.7	Acute Tox. 4 (Deirmeach), H312 Aquatic Chronic 3, H412

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

### CUID 4: Bearta garchabhrach

#### 4.1. Cur síos ar na bearta garchabhrach

- Bearta garchabhrach tar éis ionanálaithe : Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh. Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh. Faigh comhairle/cúram liachta má bhraitheann tú tinn.
- Bearta garchabhrach tar éis teagmhála leis an gcráiceann : Faigh comhairle/cúram liachta má bhraitheann tú tinn. Wash skin with plenty of water.
- Bearta garchabhrach tar éis teagmhála leis an tsúil : Faigh comhairle/cúram liachta má bhraitheann tú tinn. Rinse eyes with water as a precaution.
- Bearta garchabhrach tar éis iontóigála : Cuir glao ar ionad nimhe nó ar dhochtúir/lia má bhraitheann tú tinn.

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

Níl aon fhaiseán bhreise ar fáil

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

Treat symptomatically.

### CUID 5: Bearta comhrac dóiteáin

#### 5.1. Meáin múchta

- Meáin oiriúnacha um múchadh : Water spray. Dry powder. Cúr. Dé-ocsaíd charbóin.

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

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Comhairle do chomhraiceoirí dóiteáin

- Cosaint i rith comhrac dóiteáin : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### CUID 6: Bearta i gcás scaoileadh de thaisme

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

##### 6.1.1. Do phearsanra neamh-éigeandála

- Emergency procedures : Ventilate spillage area.

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 6.1.2. D'fhreagróirí éigeandála

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Réamhchúraimí comhshaoil

Avoid release to the environment.

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

Modhanna um ghlanadh : Take up liquid spill into absorbent material.  
Faisnéis eile : Dispose of materials or solid residues at an authorized site.

### 6.4. Tagairt do chodanna eile

For further information refer to section 13.

## CUID 7: Láimhseáil agus stóráil

### 7.1. Réamhchúraimí maidir le láimhseáil shábháilte

Réamhchúraimí maidir le láimhseáil shábháilte : Ensure good ventilation of the work station. Wear personal protective equipment.  
Bearta sláinteachais : Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid. Always wash hands after handling the product.

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

Coinníollacha stórála : Stóráil faoi ghlas. Stóráil in áit dhea-aeráilte. Recommended storage temperature Maximum 32°C. Coimeád fionnuar é.

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

Níl aon fhaisnéis bhreise ar fáil

## CUID 8: Rialuithe nochtá / cosaint phearsanta

### 8.1. Paraiméadair rialaithe

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

White 6 (CI:77891) (13463-67-7)	
Éire - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA [1]	10 mg/m <sup>3</sup> total inhalable dust 4 mg/m <sup>3</sup> respirable dust
Regulatory reference	Chemical Agents Code of Practice 2021

#### 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

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.2. Rialuithe nochta

#### 8.2.1. Rialuithe iomchuí innealtóireachta

##### Rialuithe iomchuí innealtóireachta:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

###### Cosaint súl:

Safety glasses

##### 8.2.2.2. Skin protection

###### Cosaint chraicinn agus choirp:

Wear suitable protective clothing

###### Cosaint lámha:

Protective gloves

##### 8.2.2.3. Cosaint riospráide

###### Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

##### 8.2.2.4. Thermal hazards

Níl aon fhaisnéis bhreise ar fáil

#### 8.2.3. Rialuithe um nochtadh comhshaoil

##### Rialuithe um nochtadh comhshaoil:

Ná scaoiltear amach sa chomhshaoil.

## CUID 9: Airíonna fisiceacha agus ceimiceacha

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

Staid fhisiceach	: Leachtach
Dealramh	: Leachtach.
Dath	: orange.
Boladh	: Characteristic odour.
Tairseach bolaidh	: Níl sonraí ar fáil.
pH	: 7.5 – 8.5
Ráta galaithe coibhneasta (aicéatáit bhúitile=1)	: Níl sonraí ar fáil.
Leáphointe	: Ní bhaineann le hábhar
Reophointe	: Níl sonraí ar fáil.
Fiuchphointe	: > 100 °C
Splancphointe	: > 93 °C
Teocht uath-adhainte	: Níl sonraí ar fáil.
Teocht dianscaoilte	: Níl sonraí ar fáil.
Inadhainteacht (soladach, gás)	: Ní bhaineann le hábhar
Galbhrú	: Níl sonraí ar fáil.
Galdlús coibhneasta ag 20 °C	: Níl sonraí ar fáil.
Dlús coibhneasta	: Níl sonraí ar fáil.
Intuaslagthacht	: Níl sonraí ar fáil.
Partition coefficient n-octanol/water (Log Pow)	: Níl sonraí ar fáil.
Slaodacht, cinéimiteach	: Níl sonraí ar fáil.
Slaodacht, dinimiciúil	: Níl sonraí ar fáil.
Airíonna pléascacha	: Níl sonraí ar fáil.

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Airíonna ocsaídiúcháin	: Níl sonraí ar fáil.
Teorainneacha pléascacha	: Níl sonraí ar fáil.
Particle size	: < 1 µm

### 9.2. Faisnéis eile

Níl aon fhaisnéis bhreise ar fáil

## CUID 10: Cobhsaíocht agus imoibríocht

### 10.1. Imoibríocht

პროდუქტი არ შედის რეაქციაში გამოყენების, შენახვის და ტრანსპორტირების ნორმალურ პირობებში.

### 10.2. Cobhsaíocht cheimiceach

Stable under normal conditions.

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

No dangerous reactions known under normal conditions of use.

### 10.4. Coinníollacha lena seachaint

არცერთი სენახვის და მოხმარების რეკომენდებული პირობებიდან (იხ. ნაწილი 7).

### 10.5. Ábhair neamh-chomhoiriúnacha

Níl aon fhaisnéis bhreise ar fáil

### 10.6. Táirgí dianscaoilte guaiseacha

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## CUID 11: Faisnéis thocsaineolaíoch

### 11.1 Faisnéis faoi éifeachtaí tocsaineolaíochta

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified.
Creimeadh/greannú craicinn	: Not classified pH: 7.5 – 8.5
Damáiste/greannú tromchúiseach súl	: Not classified pH: 7.5 – 8.5
Íogré riospráide nó craicinn	: Not classified
Só-ghineacht ghaiméite	: Not classified
Carcanaigineacht	: Not classified

### White 6 (CI:77891) (13463-67-7)

IARC group	2B - Possibly carcinogenic to humans
------------	--------------------------------------

Tocsaineacht atáirgthe	: Not classified
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	: Not classified
Tocsaineacht sain-spriocorgáin (ilnochtadh)	: Not classified
Guais asúite	: Not classified

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### CUID 12: Faisnéis éiceolaíochta

#### 12.1. Tocsaineacht

Éiceolaíocht - ginearálta	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais)	: Not classified
Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach)	: Not classified.
Not rapidly degradable	

#### 12.2. Inchoimeádachas agus díghrádaitheacht

##### Ethoxylated Fatty Alcohols (9004-98-2)

Inchoimeádachas agus díghrádaitheacht	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.33 g O <sub>2</sub> /g substance

##### Glycerin (56-81-5)

Inchoimeádachas agus díghrádaitheacht	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.87 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.16 g O <sub>2</sub> /g substance
ThOD	1.217 g O <sub>2</sub> /g substance

##### White 6 (CI:77891) (13463-67-7)

Inchoimeádachas agus díghrádaitheacht	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

#### 12.3. Acmhainneacht bhithbhailitheach

##### Ethoxylated Fatty Alcohols (9004-98-2)

Partition coefficient n-octanol/water (Log Pow)	6.13 Source: Quantitative Structure Activity Relation
Acmhainneacht bhithbhailitheach	No bioaccumulation data available.

##### Glycerin (56-81-5)

Partition coefficient n-octanol/water (Log Pow)	-1.75 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Acmhainneacht bhithbhailitheach	Not bioaccumulative.

##### White 6 (CI:77891) (13463-67-7)

Acmhainneacht bhithbhailitheach	Not bioaccumulative.
---------------------------------	----------------------

##### Yellow 180 (CI:21290) (77804-81-0)

Partition coefficient n-octanol/water (Log Pow)	4.24 Source: Ecological Structure Activity Relationships
---	--

#### 12.4. Soghluaisteacht san ithir

##### Glycerin (56-81-5)

Surface tension	63.4 mN/m (20 °C, 1000 g/l)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

White 6 (CI:77891) (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.
Yellow 180 (CI:21290) (77804-81-0)	
Soghluaisteacht san ithir	36660 Source: EPI Suite

### 12.5. Torthaí an mheasúnaithe PBT agus vPvB

Comhpháirt	
White 6 (CI:77891) (13463-67-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Glycerin (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Éifeachtaí díobhálacha eile

Níl aon fhaisnéis bhreise ar fáil

## CUID 13: Breithnithe diúscartha

### 13.1. Modhanna cóireála dramhaíola

Modhanna cóireála dramhaíola : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## CUID 14: Faisnéis Iompair

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. Uimhir UN				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. Ainm seolta ceart UN				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Aicme nó aicmí guaise iompair				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Grúpa pacála				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Guaiseacha comhshaoil				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

### 14.6. Réamhchúraimí speisialta don úsáideoir

#### Iompar ar talamh

Not regulated

#### Iompar ar muir

Not regulated

#### Aeriompar

Not regulated

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Iompar ar uiscebhealaí intíre

Not regulated

### Iompar iarnróid

Not regulated

## 14.7. Iompar ar an mórchoir i gcomhréir le hlarscríbhinn II a ghabhann le MARPOL agus an Cód IBC

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Comply with applicable regulations

: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) 2020/2081 of 14 December 2020 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up, Official Journal of the European Union as of 15th December 2020, L 423/6. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006. Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC. Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. Official Journal of the European Union 27.7.2012, No L 201/60. Classification EC 67/548 or EC 1999/45.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 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 mheasúnú sábháilteachta ceimiceán déanta

## CUID 16: Faisnéis eile

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor



# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Abbreviations and acronyms:	
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
Uimh. CE	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
BSS	Bileog Sonraí Sábháilteachta
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
Uimh. CAS	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Deirmeach)	Géarthocsaineacht (dheirmeach), Catagóir 4
Acute Tox. 4 (Ionanálú:deannach,ceochán)	Géarthocsaineacht (ionanálú:deannach,ceochán) Catagóir 4
Aquatic Chronic 2	Guaiseach don timpeallacht uisceach - Guais Ainsealach, Catagóir 2
Aquatic Chronic 3	Guaiseach don timpeallacht uisceach - Guais Ainsealach, Catagóir 3
EUH210	Bileog sonraí sábháilteachta ar fáil arna iarraidh sin.

# Light Orange 1

## Bileog Sonraí Sábháilteachta

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
EUH211	Aire! D'fhéadfaí braoiníní guaiseacha inanalaithe a chruthú nuair a spraeáiltear an táirge seo. Ná hanálaigh sprae ná ceo.
H312	Díobhálach i dteagmháil leis an gcraiceann.
H332	Díobhálach má ionanálaítear.
H411	Tocsaineach don saol uisceach, le héifeachtaí fadtréimhseacha.
H412	Díobhálach don saol uisceach, le héifeachtaí fadtréimhseacha.

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.