



D-Fructose/D-Glucose Assay Kit (Liquid Ready)

Kit Safety Information Sheet (SIS)

Dáta eisiúna: 22/08/2024

Dáta athbheithnithe: 22/08/2024

Leagan: 1.0

CUID 1: Kit identification

1.1. Kit identifier

Product name : D-Fructose/D-Glucose Assay Kit (Liquid Ready)
Cód an táirge : K-FGLQR

1.2. Details of the supplier of the Kit safety information sheet

Megazyme
Bray Business Park
A98 YV29 Bray - Ireland
T +353 12861220 - F +353 12861264
cs@megazyme.com - www.megazyme.com

CUID 2: General information

This Kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used

CUID 3: Kit contents

No substance or mixture included in the following Kit components is hazardous according to Regulation (EC) No. 1272/2008 [CLP] and therefore the requirements of Regulation (EU) 2015/830 do not apply

Ainm	General description	Quantity	Unit
D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1	Reagent	1	pcs (pieces)
D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2	Reagent	1	pcs (pieces)
D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3	Reagent	1	pcs (pieces)
D-Fructose/D-Glucose Standard	Reagent	1	pcs (pieces)

CUID 4: General advice

Níl sonraí ar fáil.

CUID 5: Safe handling advice

Beara ginearálta : Notify authorities if product enters sewers or public waters
lonsúigh doirteadh chun damáiste d'ábhar a chosc.
Réamhchúraimí comhshaoil : Avoid release to the environment
Coinníollacha stórála : Coimeád fionnuar. Cosain ó sholas na gréine.
Technical measures : Keep in a cool, well-ventilated place away from heat
Réamhchúraimí maidir le láimhseáil shábháilte : Ensure good ventilation of the work station
Wear personal protective equipment
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use

CUID 6: First aid measures

Beara garchabhrach tar éis teagmhála leis an tsúil : Rinse eyes with water as a precaution
Beara garchabhrach tar éis iontógála : Cuir glao ar ionad nimhe nó ar dhochtúir/lia má bhraitheann tú tinn
Beara garchabhrach tar éis ionanáilaithe : Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.
Beara garchabhrach tar éis teagmhála leis an gcráiceann : Wash skin with plenty of water
First-aid measures general : If you feel unwell, seek medical advice
Siomptóim/gortuithe tar éis teagmhála leis an tsúil : None under normal conditions
Siomptóim/gortuithe tar éis iontógála : None under normal conditions
Siomptóim/gortuithe tar éis ionanáilaithe : Although no appropriate human or animal health effects data are known to exist, this material is

D-Fructose/D-Glucose Assay Kit (Liquid Ready)

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	expected to be an inhalation hazard
Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann	: None under normal conditions
Other medical advice or treatment	: Treat symptomatically

CUID 7: Bearta comhrac dóiteáin

Firefighting instructions	: Fight fire from safe distance and protected location Do not enter fire area without proper protective equipment, including respiratory protection
Cosaint i rith comhrac dóiteáin	: Do not attempt to take action without suitable protective equipment Self-contained breathing apparatus Complete protective clothing
Explosion hazard	: No direct explosion hazard
Guais dóiteáin	: No fire hazard
Hazardous decomposition products in case of fire	: Toxic fumes may be released

CUID 8: Faisnéis eile

Níl sonraí ar fáil.



D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Dáta eisiúna: 28/02/2024 Dáta athbhreithnithe: 28/02/2024 Leagan: 1.0

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

1.1. Sainaitheantóir táirge

Foirm an táirge	: Meascán
Product name	: D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1
Cód an táirge	: K-FGLQR (Bottle 1)

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

Úsáidí sainaitheanta ábhartha

Industrial/Professional use spec	: For professional use only
Úsáid na substainte / an mheascáin	: Use as laboratory reagent

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Megazyme
Bray Business Park
IE A98 YV29 Bray, County Wicklow
Ireland
T +353 12861220, F +353 12861264
cs@megazyme.com, www.megazyme.com

1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

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 fisiceimiceacha, um shláinte an duine agus um an comhshaol

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 : EUH032 - I dteagmháil le haigéid scaoiltear gás an-tocsaineach.

2.3. Guaiseacha eile

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

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

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

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

CUID 4: Bearta garchabhrach

4.1. Cur síos ar na bearta garchabhrach

First-aid measures general	: If you feel unwell, seek medical advice.
Bearta garchabhrach tar éis ionanáilaithe	: Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.
Bearta garchabhrach tar éis teagmhála leis an gcráiceann	: Wash skin with plenty of water.
Bearta garchabhrach tar éis teagmhála leis an tsúil	: Rinse eyes with water as a precaution.
Bearta garchabhrach tar éis iontógála	: Cuir glao ar ionad nimhe nó ar dhochtúir/lia má bhraitheann tú tinn.
First-aid measures for first aider	: First aid workers will be equipped with suitable personal protective equipment.

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

Siomptóim/gortuithe tar éis ionanáilaithe	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann	: None under normal conditions.
Siomptóim/gortuithe tar éis teagmhála leis an tsúil	: None under normal conditions.
Siomptóim/gortuithe tar éis iontógála	: None under normal conditions.

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.
Meáin mhí-oiriúnacha um múchadh	: Do not use a heavy water stream.

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

Guais dóiteáin	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Comhairle do chomhraiceoirí dóiteáin

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Cosaint i rith comhrac dóiteáin	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

CUID 6: Bearta i gcás scaoileadh de thaisme

6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

Bearta ginearálta	: Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh. Notify authorities if product enters sewers or public waters. Ionsúigh doirteadh chun damáiste d'ábhar a chosc.
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Do phearsana neamh-éigeandála

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area.

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".
Emergency procedures	: Evacuate unnecessary personnel. Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh.

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

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

6.2. Réamhchúraimí comhshaoil

Avoid release to the environment.

6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

- I gcomhair srianta : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- 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

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- 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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Coinníollacha stórála : Coimeád fionnuar. Cosain ó sholas na gréine.
- Packaging materials : Store always product in container of same material as original container.

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

Níl aon fhaisnéis bhreise ar fáil

8.2. Rialuithe nochtá

Appropriate engineering controls

Rialuithe iomchuí innealtóireachta:

Ensure good ventilation of the work station.

Personal protection equipment

Trealamh cosanta pearsanta:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



Eye and face protection

Cosaint súl:

Safety glasses

Cosaint súl

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

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

Skin protection

Cosaint chraicinn agus choirp:

Wear suitable protective clothing

Cosaint chraicinn agus choirp	
Type	Standard
Lab coat	

Cosaint lámha:

Protective gloves

Cosaint lámha					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	3 (> 60 minutes)		2 (< 1.5)	EN 374-2

Respiratory protection

Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

Cosaint riospráide			
Device	Filter type	Condition	Standard
Dust mask	Type P1	Protection for Liquid particles	EN 143, EN 149

Environmental exposure controls

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
Dath	: Colourless.
Dealramh	: Colorless liquid.
Boladh	: Ceann ar bith.
Tairseach bolaidh	: Not available
Leáphointe	: Ní bhaineann le hábhar
Reophointe	: Not available
Fiuchphointe	: Not available
Inadhainteacht	: Ní bhaineann le hábhar
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Splancphointe	: Not available
Teocht uath-adhainte	: Not available
Teocht dianscaoilte	: Not available
pH	: Not available
Slaodacht, cinéimiteach	: Not available
Intuaslagthacht	: Soluble in water.
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

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

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

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. 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
Creimeadh/greannú craicinn	: Not classified
Damáiste/greannú tromchúiseach súl	: Not classified
Íoghrú riospráide nó craicinn	: Not classified
Só-ghineacht ghaiméite	: Not classified
Carcanaigineacht	: Not classified
Tocsaineacht atáirgthe	: Not classified
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	: Not classified
Tocsaineacht sain-spriocorgáin (ilnochtadh)	: Not classified
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	: 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

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

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

12.2. Inchoimeádachas agus díghrádaitheacht

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Inchoimeádachas agus díghrádaitheacht	Rapidly degradable
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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 waste regulation	: Disposal must be done according to official regulations.
Modhanna cóireála dramhaíola	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

CUID 14: Faisnéis Iompair

In accordance with ADR / IATA

ADR	IATA
14.1. UN number or ID number	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.2. Ainm seolta ceart UN	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.3. Aicme nó aicmí guaise iompair	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.4. Grúpa pacála	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.5. Guaiseacha comhshaoil	
Ní bhaineann le hábhar	Ní bhaineann le hábhar

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Ní bhaineann le hábhar

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 1

Bileog Sonraí Sábháilteachta

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

Aeríompar

Ní bhaineann le hábhar

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)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Measúnú sábháilteachta ceimicí

Níl aon mheasúnú sábháilteachta ceimiceán déanta

CUID 16: Faisnéis eile

Full text of H- and EUH-statements:

EUH032	I dteagmháil le haigéid scaoiltear gás an-tocsaineach.
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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.



D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Dáta eisiúna: 22/08/2024 Dáta athbhreithnithe: 22/08/2024 Leagan: 1.0

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

1.1. Sainaitheantóir táirge

Foirm an táirge	: Meascán
Product name	: D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2
Cód an táirge	: K-FGLQR (Bottle 2)

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

Úsáidí sainaitheanta ábhartha

Industrial/Professional use spec	: For professional use only
Úsáid na substainte / an mheascáin	: Use as laboratory reagent

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Megazyme
Bray Business Park
IE A98 YV29 Bray, County Wicklow
Ireland
T +353 12861220, F +353 12861264
cs@megazyme.com, www.megazyme.com

1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

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 fisiceimiceacha, um shláinte an duine agus um an comhshaol

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 : EUH032 - I dteagmháil le haigéid scaoiltear gás an-tocsaineach.

2.3. Guaiseacha eile

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

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

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábhálteachta

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

CUID 4: Bearta garchabhrach

4.1. Cur síos ar na bearta garchabhrach

First-aid measures general	: If you feel unwell, seek medical advice.
Bearta garchabhrach tar éis ionanáilaithe	: Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.
Bearta garchabhrach tar éis teagmhála leis an gcráiceann	: Wash skin with plenty of water.
Bearta garchabhrach tar éis teagmhála leis an tsúil	: Rinse eyes with water as a precaution.
Bearta garchabhrach tar éis iontógála	: Cuir glao ar ionad nimhe nó ar dhoctúir/lia má bhraitheann tú tinn.
First-aid measures for first aider	: First aid workers will be equipped with suitable personal protective equipment.

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

Siomptóim/gortuithe tar éis ionanáilaithe	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann	: None under normal conditions.
Siomptóim/gortuithe tar éis teagmhála leis an tsúil	: None under normal conditions.
Siomptóim/gortuithe tar éis iontógála	: None under normal conditions.

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.
Meáin mhí-oiriúnacha um múchadh	: Do not use a heavy water stream.

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

Guais dóiteáin	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Comhairle do chomhraiceoirí dóiteáin

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Cosaint i rith comhrac dóiteáin	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

CUID 6: Bearta i gcás scaoileadh de thaisme

6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

Bearta ginearálta	: Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh. Notify authorities if product enters sewers or public waters. Ionsúigh doirteadh chun damáiste d'ábhar a chosc.
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Do phearsana neamh-éigeandála

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area.

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".
Emergency procedures	: Evacuate unnecessary personnel. Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh.

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábháilteachta

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

6.2. Réamhchúraimí comhshaoil

Avoid release to the environment.

6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

- I gcomhair srianta : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- 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

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- 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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Coinníollacha stórála : Coimeád fionnuar. Cosain ó sholas na gréine.
- Packaging materials : Store always product in container of same material as original container.

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

Níl aon fhaisnéis bhreise ar fáil

8.2. Rialuithe nochtá

Appropriate engineering controls

Rialuithe iomchuí innealtóireachta:

Ensure good ventilation of the work station.

Personal protection equipment

Trealamh cosanta pearsanta:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



Eye and face protection

Cosaint súl:

Safety glasses

Cosaint súl

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábháilteachta

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

Skin protection

Cosaint chraicinn agus choirp:

Wear suitable protective clothing

Cosaint chraicinn agus choirp	
Type	Standard
Lab coat	

Cosaint lámha:

Protective gloves

Cosaint lámha					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	3 (> 60 minutes)			EN 374-2

Respiratory protection

Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

Cosaint riospráide			
Device	Filter type	Condition	Standard
Dust mask	Type P1	Protection for Liquid particles	EN 143, EN 149

Environmental exposure controls

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
Dath	: Colourless.
Dealramh	: Colorless liquid.
Boladh	: Ceann ar bith.
Tairseach bolaidh	: Not available
Leáphointe	: Ní bhaineann le hábhar
Reophointe	: Not available
Fiuchphointe	: Not available
Inadhainteacht	: Ní bhaineann le hábhar
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Splancphointe	: Not available
Teocht uath-adhainte	: Not available
Teocht dianscaoilte	: Not available
pH	: 6.8
Slaodacht, cinéimiteach	: Not available
Intuaslagthacht	: Soluble in water.
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

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábháilteachta

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

9.2. Faisnéis eile

Other safety characteristics

Relative evaporation rate (ether=1) : <

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. 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
Creimeadh/greannú craicinn	: Not classified pH: 6.8
Damáiste/greannú tromchúiseach súl	: Not classified pH: 6.8
Íogru riospráide nó craicinn	: Not classified
Só-ghineacht ghaiméite	: Not classified
Carcanaigineacht	: Not classified
Tocsaineacht atáirgthe	: Not classified
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	: Not classified
Tocsaineacht sain-spriocorgáin (ilnochtadh)	: Not classified
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	: 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

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábháilteachta

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

Guaiseach don chomhshaol uisceach, fadtéarmach : Not classified
(guais ainsealach)

12.2. Inchoimeádachas agus díghrádaitheacht

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Inchoimeádachas agus díghrádaitheacht	Rapidly degradable
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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 waste regulation	: Disposal must be done according to official regulations.
Modhanna cóireála dramhaíola	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

CUID 14: Faisnéis Iompair

In accordance with ADR / IATA

ADR	IATA
14.1. UN number or ID number	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.2. Ainm seolta ceart UN	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.3. Aicme nó aicmí guaise iompair	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.4. Grúpa pacála	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.5. Guaiseacha comhshaoil	
Ní bhaineann le hábhar	Ní bhaineann le hábhar

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Ní bhaineann le hábhar

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 2

Bileog Sonraí Sábháilteachta

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

Aeriompar

Ní bhaineann le hábhar

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)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Measúnú sábháilteachta ceimicí

Níl aon mheasúnú sábháilteachta ceimiceán déanta

CUID 16: Faisnéis eile

Full text of H- and EUH-statements:

EUH032	I dteagmháil le haigéid scaoiltear gás an-tocsaineach.
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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.



D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Dáta eisiúna: 22/08/2024 Dáta athbheithnithe: 22/08/2024 Leagan: 1.0

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

1.1. Sainaitheantóir táirge

Foirm an táirge	: Meascán
Product name	: D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3
Cód an táirge	: K-FGLQR (Bottle 3)

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

Úsáidí sainaitheanta ábhartha

Industrial/Professional use spec	: For professional use only
Úsáid na substainte / an mheascáin	: Use as laboratory reagent

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Megazyme
Bray Business Park
IE A98 YV29 Bray, County Wicklow
Ireland
T +353 12861220, F +353 12861264
cs@megazyme.com, www.megazyme.com

1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

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 fisiceimiceacha, um shláinte an duine agus um an comhshaol

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 : EUH032 - I dteagmháil le haigéid scaoiltear gás an-tocsaineach.

2.3. Guaiseacha eile

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

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

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

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

CUID 4: Bearta garchabhrach

4.1. Cur síos ar na bearta garchabhrach

First-aid measures general	: If you feel unwell, seek medical advice.
Bearta garchabhrach tar éis ionanáilaithe	: Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.
Bearta garchabhrach tar éis teagmhála leis an gcráiceann	: Wash skin with plenty of water.
Bearta garchabhrach tar éis teagmhála leis an tsúil	: Rinse eyes with water as a precaution.
Bearta garchabhrach tar éis iontógála	: Cuir glao ar ionad nimhe nó ar dhochtúir/lia má bhraitheann tú tinn.
First-aid measures for first aider	: First aid workers will be equipped with suitable personal protective equipment.

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

Siomptóim/gortuithe tar éis ionanáilaithe	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann	: None under normal conditions.
Siomptóim/gortuithe tar éis teagmhála leis an tsúil	: None under normal conditions.
Siomptóim/gortuithe tar éis iontógála	: None under normal conditions.

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.
Meáin mhí-oiriúnacha um múchadh	: Do not use a heavy water stream.

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

Guais dóiteáin	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Comhairle do chomhraiceoirí dóiteáin

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Cosaint i rith comhrac dóiteáin	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

CUID 6: Bearta i gcás scaoileadh de thaisme

6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

Bearta ginearálta	: Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh. Notify authorities if product enters sewers or public waters. Ionsúigh doirteadh chun damáiste d'ábhar a chosc.
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Do phearsana neamh-éigeandála

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area.

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".
Emergency procedures	: Evacuate unnecessary personnel. Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh.

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

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

6.2. Réamhchúraimí comhshaoil

Avoid release to the environment.

6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

- I gcomhair srianta : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- 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

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- 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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Coinníollacha stórála : Coimeád fionnuar. Cosain ó sholas na gréine.
- Packaging materials : Store always product in container of same material as original container.

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

Níl aon fhaisnéis bhreise ar fáil

8.2. Rialuithe nochtá

Appropriate engineering controls

Rialuithe iomchuí innealtóireachta:

Ensure good ventilation of the work station.

Personal protection equipment

Trealamh cosanta pearsanta:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



Eye and face protection

Cosaint súl:

Safety glasses

Cosaint súl

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

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

Skin protection

Cosaint chraicinn agus choirp:

Wear suitable protective clothing

Cosaint chraicinn agus choirp	
Type	Standard
Lab coat	

Cosaint lámha:

Protective gloves

Cosaint lámha					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	3 (> 60 minutes)			EN 374-2

Respiratory protection

Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

Cosaint riospráide			
Device	Filter type	Condition	Standard
Dust mask	Type P1	Protection for Liquid particles	EN 143, EN 149

Environmental exposure controls

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
Dath	: Colourless.
Dealramh	: Colorless liquid.
Boladh	: Ceann ar bith.
Tairseach bolaidh	: Not available
Leáphointe	: Ní bhaineann le hábhar
Reophointe	: Not available
Fiuchphointe	: Not available
Inadhainteacht	: Ní bhaineann le hábhar
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Splancphointe	: Not available
Teocht uath-adhainte	: Not available
Teocht dianscaoilte	: Not available
pH	: Not available
Slaodacht, cinéimiteach	: Not available
Intuaslagthacht	: Soluble in water.
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

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

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

9.2. Faisnéis eile

Other safety characteristics

Relative evaporation rate (ether=1) : <

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 dian-scaoilte guaiseacha

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

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
Creimeadh/greannú craicinn	: Not classified
Damáiste/greannú tromchúiseach súl	: Not classified
Íoghrú riospráide nó craicinn	: Not classified
Só-ghineacht ghaiméite	: Not classified
Carcanaigineacht	: Not classified
Tocsaineacht atáirgthe	: Not classified
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	: Not classified
Tocsaineacht sain-spriocorgáin (ilnochtadh)	: Not classified
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	: 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

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

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

12.2. Inchoimeádachas agus díghrádaitheacht

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Inchoimeádachas agus díghrádaitheacht	Rapidly degradable
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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 waste regulation	: Disposal must be done according to official regulations.
Modhanna cóireála dramhaíola	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

CUID 14: Faisnéis Iompair

In accordance with ADR / IATA

ADR	IATA
14.1. UN number or ID number	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.2. Ainm seolta ceart UN	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.3. Aicme nó aicmí guaise iompair	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.4. Grúpa pacála	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.5. Guaiseacha comhshaoil	
Ní bhaineann le hábhar	Ní bhaineann le hábhar

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Ní bhaineann le hábhar

D-Fructose/D-Glucose Assay Kit (Liquid Ready) Reagent 3

Bileog Sonraí Sábháilteachta

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

Aeríompar

Ní bhaineann le hábhar

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)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Measúnú sábháilteachta ceimicí

Níl aon mheasúnú sábháilteachta ceimiceán déanta

CUID 16: Faisnéis eile

Full text of H- and EUH-statements:

EUH032	I dteagmháil le haigéid scaoiltear gás an-tocsaineach.
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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.



D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Dáta eisiúna: 22/08/2024 Dáta athbheithnithe: 22/08/2024 Leagan: 1.0

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

1.1. Sainaitheantóir táirge

Foirm an táirge : Meascán
Product name : D-Fructose/D-Glucose Standard
Cód an táirge : K-FGLQR (Bottle 4)

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

Úsáidí sainaitheanta ábhartha

Industrial/Professional use spec : For professional use only
Úsáid na substainte / an mheascáin : Use as laboratory reagent

1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Megazyme
Bray Business Park
IE A98 YV29 Bray, County Wicklow
Ireland
T +353 12861220, F +353 12861264
cs@megazyme.com, www.megazyme.com

1.4. Uimhir ghutháin éigeandála

Uimhir éigeandála : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

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 fisiceimiceacha, um shláinte an duine agus um an comhshaol

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 : EUH032 - I dteagmháil le haigéid scaoiltear gás an-tocsaineach.

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

No labelling required

2.3. Guaiseacha eile

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

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

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

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

CUID 4: Bearta garchabhrach

4.1. Cur síos ar na bearta garchabhrach

First-aid measures general	: If you feel unwell, seek medical advice.
Bearta garchabhrach tar éis ionanáilaithe	: Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.
Bearta garchabhrach tar éis teagmhála leis an gcráiceann	: Wash skin with plenty of water.
Bearta garchabhrach tar éis teagmhála leis an tsúil	: Rinse eyes with water as a precaution.
Bearta garchabhrach tar éis iontógála	: Cuir glao ar ionad nimhe nó ar dhochtúir/lia má bhraitheann tú tinn.
First-aid measures for first aider	: First aid workers will be equipped with suitable personal protective equipment.

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

Siomptóim/gortuithe tar éis ionanáilaithe	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Siomptóim/gortuithe tar éis teagmhála leis an gcráiceann	: None under normal conditions.
Siomptóim/gortuithe tar éis teagmhála leis an tsúil	: None under normal conditions.
Siomptóim/gortuithe tar éis iontógála	: None under normal conditions.

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.
Meáin mhí-oiriúnacha um múchadh	: Do not use a heavy water stream.

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

Guais dóiteáin	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Comhairle do chomhraiceoirí dóiteáin

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Cosaint i rith comhrac dóiteáin	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

CUID 6: Bearta i gcás scaoileadh de thaisme

6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

Bearta ginearálta	: Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh. Notify authorities if product enters sewers or public waters. Ionsúigh doirteadh chun damáiste d'ábhar a chosc.
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Do phearsana neamh-éigeandála

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area.

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".
Emergency procedures	: Evacuate unnecessary personnel. Cuir stop leis an sceitheadh má tá sé sábháilte é sin a dhéanamh.

D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

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

6.2. Réamhchúraimí comhshaoil

Avoid release to the environment.

6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

- I gcomhair srianta : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- 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

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- 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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Coinníollacha stórála : Coimeád fionnuar. Cosain ó sholas na gréine.
- Packaging materials : Store always product in container of same material as original container.

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

Níl aon fhaisnéis bhreise ar fáil

8.2. Rialuithe nochtá

Appropriate engineering controls

Rialuithe iomchuí innealtóireachta:

Ensure good ventilation of the work station.

Personal protection equipment

Trealamh cosanta pearsanta:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



Eye and face protection

Cosaint súl:

Safety glasses

Cosaint súl

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

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

Skin protection

Cosaint chraicinn agus choirp:

Wear suitable protective clothing

Cosaint chraicinn agus choirp	
Type	Standard
Lab coat	

Cosaint lámha:

Protective gloves

Cosaint lámha					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	3 (> 60 minutes)		2 (< 1.5)	EN 374-2

Respiratory protection

Cosaint riospráide:

In case of insufficient ventilation, wear suitable respiratory equipment

Cosaint riospráide			
Device	Filter type	Condition	Standard
Dust mask	Type P1	Protection for Liquid particles	EN 143, EN 149

Environmental exposure controls

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
Dath	: Colourless.
Dealramh	: Clear, colorless liquid.
Boladh	: Ceann ar bith.
Tairseach bolaidh	: Not available
Leáphointe	: Ní bhaineann le hábhar
Reophointe	: Not available
Fiuchphointe	: Not available
Inadhainteacht	: Ní bhaineann le hábhar
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Splancphointe	: Not available
Teocht uath-adhainte	: Not available
Teocht dianscaoilte	: Not available
pH	: Not available
Slaodacht, cinéimiteach	: Not available
Intuaslagthacht	: Soluble in water.
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

D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

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

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. 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
Creimeadh/greannú craicinn	: Not classified
Damáiste/greannú tromchúiseach súl	: Not classified
Íoghrú riospráide nó craicinn	: Not classified
Só-ghineacht ghaiméite	: Not classified
Carcanaigineacht	: Not classified
Tocsaineacht atáirgthe	: Not classified
Tocsaineacht sain-spriocorgáin (aon nochtadh amháin)	: Not classified
Tocsaineacht sain-spriocorgáin (ilnochtadh)	: Not classified
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	: 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

D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

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

12.2. Inchoimeádachas agus díghrádaitheacht

D-Fructose/D-Glucose Standard

Inchoimeádachas agus díghrádaitheacht	Rapidly degradable
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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 waste regulation	: Disposal must be done according to official regulations.
Modhanna cóireála dramhaíola	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

CUID 14: Faisnéis Iompair

In accordance with ADR / IATA

ADR	IATA
14.1. UN number or ID number	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.2. Ainm seolta ceart UN	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.3. Aicme nó aicmí guaise iompair	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.4. Grúpa pacála	
Ní bhaineann le hábhar	Ní bhaineann le hábhar
14.5. Guaiseacha comhshaoil	
Ní bhaineann le hábhar	Ní bhaineann le hábhar

14.6. Réamhchúraimí speisialta don úsáideoir

Iompar ar talamh

Ní bhaineann le hábhar

D-Fructose/D-Glucose Standard

Bileog Sonraí Sábháilteachta

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

Aeriompar

Ní bhaineann le hábhar

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)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Measúnú sábháilteachta ceimicí

Níl aon mheasúnú sábháilteachta ceimiceán déanta

CUID 16: Faisnéis eile

Full text of H- and EUH-statements:

EUH032	I dteagmháil le haigéid scaoiltear gás an-tocsaineach.
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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.