

myo-Inositol Assay Kit

Kit Safety Information Sheet

Date of issue: 11/03/2014

Revision date: 24/01/2019

Supersedes: 26/06/2018

Version: 1.3

SECT	ION 1: Kit identific	ation
1.1.	Kit identifier	
Produc Produc		: myo-Inositol Assay Kit : K-INOSL
1.2.	Details of the suppli	er of the KIT safety information sheet
Megazy Bray Bi A98 YV	yme usiness Park /29 Bray - Ireland	

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SECTION 2: General information

This product is a Kit which consists of several independently packaged components

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

SECTION 3: Kit contents

Name	General description	Quantity	Unit	Classification according to Regulation (EC) No. 1272/2008 [CLP]
myo-Inositol Assay Kit (Bottle 4)	Buffer	1	pcs (pieces)	Eye Irrit. 2, H319

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

Name	General description	Quantity	Unit
myo-Inositol Assay Kit (Bottle 1)	Buffer	1	pcs (pieces)
myo-Inositol Assay Kit (Bottle 2)	Reagent	1	pcs (pieces)
myo-Inositol Assay Kit (Bottle 3)	Reagent	1	pcs (pieces)
myo-Inositol Assay Kit (Bottle 5)	Reagent	2	pcs (pieces)
myo-Inositol Assay Kit (Bottle 6)	Reagent	1	pcs (pieces)
myo-Inositol Assay Kit (Bottle 7)	Reagent	1	pcs (pieces)
myo-Inositol Assay Kit (Bottle 8)	Reagent	1	pcs (pieces)

SECTION 4: General advice

No data available

25/01/2019	EN (English)	1/43
First-aid measures after skin contact	: Wash skin with plenty of water	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.	
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell	
First-aid measures after eye contact	: Rinse eyes with water as a precaution	
SECTION 6: First aid measures		
Precautions for safe handling	: Ensure good ventilation of the work station Wear personal protective equipment	
Storage conditions	: Store in a well-ventilated place. Keep cool.	
Environmental precautions	: Avoid release to the environment	

myo-Inositol Assay Kit

Kit Safety Information Sheet

Other medical advice or treatment	: Treat symptomatically
SECTION 7: Fire fighting measures	
Protection during firefighting	 Do not attempt to take action without suitable protective equipment Self-contained breathing apparatus Complete protective clothing
Hazardous decomposition products in case of fire	: Toxic fumes may be released
SECTION 8: Other information	

No data available



Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 11/03/2014 Revision date: 24/01/2019

Supersedes: 26/06/2018 Version: 1.3 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 3) Product code : K-INOSL (Bottle 3) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. Industrial/Professional use spec : For professional use only Use of the substance/mixture : Use as laboratory reagent 1.2.2. **Uses advised against** No additional information available Details of the supplier of the safety data sheet 1.3. Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com 1.4. **Emergency telephone number** Emergency number : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. Label elements 2.2. Labelling according to Regulation (EC) No. 1272/2008 [CLP] : EUH208 - Contains Kinase (phosphorylating), hexo-, Hexokinase. May produce an allergic **EUH-statements** reaction. EUH210 - Safety data sheet available on request. EUH032 - Contact with acids liberates very toxic gas.

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

No labelling required

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: Call a poison center or a doctor if you feel unwell.	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.	
First-aid measures after skin contact	: Wash skin with plenty of water.	
25/01/2019	EN (English)	3/43

myo-Inositol Assay Kit (Bottle 3) Safety Data Sheet

irst-aid measures after eye contact	: Rinse eyes with water as a precaution.
irst-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
4.3. Indication of any immediate medica	al attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the su	ubstance or mixture
Hazardous decomposition products in case of ire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathin apparatus. Complete protective clothing.
SECTION 6: Accidental release mea	isures
6.1. Personal precautions, protective ed	quipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.
6.1.2. For emergency responders	
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. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containm	ent and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includ	ing any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/pers	sonal protection
8.1. Control parameters	
No additional information available	

8.2. **Exposure controls**

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

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

Safety Data Sheet

according to Regulation (EU) 2015/830

Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields, clear	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. [In case of inadequate ventilation] wear respiratory protection.

Device	Filter type	Condition	Standard
Dust mask	Туре Р1	Protection for Liquid particles	EN 143, EN 149



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties					
9.1. Information on basic physical and	9.1. Information on basic physical and chemical properties				
Physical state	: Liquid				
Colour	: No data available on colour.				
Odour	: None.				
Odour threshold	: No data available				
рН	: No data available				
Relative evaporation rate (butylacetate=1)	: No data available				
Melting point	: Not applicable				
Freezing point	: No data available				
Boiling point	: No data available				
Flash point	: No data available				
Auto-ignition temperature	: No data available				
Decomposition temperature	: No data available				
Flammability (solid, gas)	: Not applicable				
Vapour pressure	: No data available				
Relative vapour density at 20 °C	: No data available				
Relative density	: No data available				
Solubility	: Soluble in water.				
Log Pow	: No data available				
Viscosity, kinematic	: No data available				
Viscosity, dynamic	: No data available				
Explosive properties	: No data available				
Oxidising properties	: No data available				
Explosive limits :					
9.2. Other information					
No additional information available					

 SECTION 10: Stability and reactivity

 10.1.
 Reactivity

 The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

Safety Data Sheet

according to Regulation (EU) 2015/830

10.3.	Possibility of hazardous reactions
Contact	with acids liberates very toxic gas.
10.4.	Conditions to avoid
None ur	nder recommended storage and handling conditions (see section 7).
10.5.	Incompatible materials
Acids.	
10.6.	Hazardous decomposition products

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

SECTION 11: Toxicological inform	ation
11.1. Information on toxicological effect	ts
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
OFOTION 42: Foological informatio	
SECTION 12: Ecological information	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	nent
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	ons
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport informatio	n
In accordance with ADR / RID / IMDG / IATA /	
ADR	ΙΑΤΑ
14.1. UN number	

Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	ΙΑΤΑ
14.3. Transport hazard class(es)	
Not applicable	Not applicable
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Not applicable	Not applicable
No supplementary in	nformation available

14.6. Special precautions for user

- Overland transport

Not applicable

- Air transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

EUH032	Contact with acids liberates very toxic gas.
EUH208	Contains . May produce an allergic reaction.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/03/2014 Revision date: 26/06/2018 Version: 1.2 Supersedes: 13/03/2017 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 8) Product code : K-INOSL (Bottle 8) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. : Professional use Main use category Use of the substance/mixture : Use as laboratory reagent 1.2.2. **Uses advised against** No additional information available Details of the supplier of the safety data sheet 1.3. Manufacturer Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com **Emergency telephone number** 1.4. : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] Emergency number **SECTION 2: Hazards identification** 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. Label elements 2.2. Labelling according to Regulation (EC) No. 1272/2008 [CLP] : EUH032 - Contact with acids liberates very toxic gas. **EUH-statements** Labelling according to: exemption for inner packaging where the contents do not exceed 10ml No labelling required 23 **Other hazards** No additional information available SECTION 3: Composition/information on ingredients 3.1. **Substances** Not applicable 3.2. **Mixtures**

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	5
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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4.2. No additi	Most important symptoms and effects ional information available	, both acute and delayed
4.3.	Indication of any immediate medical a	ttention and special treatment needed
Treat syr	nptomatically.	
SECTI	ON 5: Firefighting measures	
5.1.	Extinguishing media	
Suitable	extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
5.2.	Special hazards arising from the subs	tance or mixture
Hazardo fire	us decomposition products in case of	Toxic fumes may be released.
5.3.	Advice for firefighters	
Protectio	n during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTI	ON 6: Accidental release measu	ires
6.1.	Personal precautions, protective equi	pment and emergency procedures
6.1.1.	For non-emergency personnel	
Emerger	cy procedures	Ventilate spillage area.
6.1.2.	For emergency responders	
Protectiv	e equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2.	Environmental precautions	
Avoid rel	ease to the environment.	
6.3.	Methods and material for containment	t and cleaning up
Methods	for cleaning up	Take up liquid spill into absorbent material.
Other inf	ormation	Dispose of materials or solid residues at an authorized site.
6.4.	Reference to other sections	
For furth	er information refer to section 13.	
SECTI	ON 7: Handling and storage	
7.1.	Precautions for safe handling	
	ons for safe handling	Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene	measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2 .	Conditions for safe storage, including	
	conditions	Store in a well-ventilated place. Keep cool.
7.3.	Specific end use(s)	
	ional information available	
	ON 8: Exposure controls/perso	nal protection
8.1.	Control parameters	
No additi	ional information available	
8.2.	Exposure controls	
Appropr	iate engineering controls:	
Ensure g	ood ventilation of the work station.	

Hand protection:

Protective gloves

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

Eye protection:

Safety glasses

Safety Data Sheet

according to Regulation (EU) 2015/830

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates very toxic gas.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

Safety Data Sheet

according to Regulation (EU) 2015/830

10.5.	Incompatible materials
Acids.	
40.0	Herevelous decomposition products

10.6. Hazardous decomposition products

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

SECTION 11: Toxicologi	cal information
11.1. Information on toxico	logical effects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessmen	t
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / AD	N
ADR	ΙΑΤΑ
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name Not applicable	Not applicable
14.3. Transport hazard class(es)	
Not applicable	Not applicable

Not applicable

Not applicable

Packing group

Environmental hazards

14.4.

14.5. Envi

Not applicable

Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	ΙΑΤΑ
	No supplementary information available
14.6.	Special precautions for user
- Overla	and transport
Not appl	licable
- Air tra	nsport
Not appl	licable
14.7.	Transport in bulk according to Annex II of Marpol and the IBC Code
Not appl	licable
SECTI	ION 15: Regulatory information
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1.	EU-Regulations
Contains	s no REACH substances with Annex XVII restrictions
Contains	s no substance on the REACH candidate list
Contains	s no REACH Annex XIV substances
15.1.2.	National regulations
No addit	tional information available
15.2.	Chemical safety assessment
No chen	nical safety assessment has been carried out
SECTI	ION 16: Other information
	t of H_ and ELIH_statements

Full text of H- and EUH-statements:

EUH032	Contact with acids liberates very toxic gas.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/03/2014 Revision date: 26/06/2018 Version: 1.2 Supersedes: 13/03/2017 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 7) Product code : K-INOSL (Bottle 7) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. : Professional use Main use category Use of the substance/mixture : Use as laboratory reagent 1.2.2. **Uses advised against** No additional information available Details of the supplier of the safety data sheet 1.3. Manufacturer Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com **Emergency telephone number** 1.4. : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] Emergency number **SECTION 2: Hazards identification** 21 Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects 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. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] : EUH032 - Contact with acids liberates very toxic gas. **EUH-statements** Labelling according to: exemption for inner packaging where the contents do not exceed 10ml No labelling required 23 **Other hazards** No additional information available SECTION 3: Composition/information on ingredients 3.1. **Substances** Not applicable 3.2. **Mixtures**

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

Safety Data Sheet

according to Regulation (EU) 2015/830

4.2. Most important symptoms and effect No additional information available	ts, both acute and delayed
4.3. Indication of any immediate medical	attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the sub	ostance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release meas	sures
6.1. Personal precautions, protective equ	uipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
6.1.2. For emergency responders	
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. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containme	nt and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includin	
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/perso	onal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	

Hand protection:

Protective gloves

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

Eye protection:

Safety glasses

Safety Data Sheet

according to Regulation (EU) 2015/830

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates very toxic gas.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

Safety Data Sheet

according to Regulation (EU) 2015/830

Acids.	10.5.	Inc	ompati	ble mat	erials	
	Acids.					

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological	information
11.1. Information on toxicolog	cal effects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	n
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	ent
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	ns
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	ADN
ADR	IATA
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name	
Not applicable	Not applicable
14.3. Transport hazard class(es) Not applicable	Net applicable
	Not applicable

Not applicable

Not applicable

Packing group

Environmental hazards

14.4.

14.5.

Not applicable

Not applicable

Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	ΙΑΤΑ
	No supplementary information available
14.6.	Special precautions for user
- Overla	and transport
Not app	blicable
- Air tra	ansport
Not app	blicable
14.7.	Transport in bulk according to Annex II of Marpol and the IBC Code
Not app	blicable
SECT	ION 15: Regulatory information
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1.	EU-Regulations
Contain	ns no REACH substances with Annex XVII restrictions
Contain	ns no substance on the REACH candidate list
Contain	ns no REACH Annex XIV substances
15.1.2.	National regulations
No addi	itional information available
15.2.	Chemical safety assessment
No cher	mical safety assessment has been carried out
SECT	ION 16: Other information
	vt of H and EUH statements.

Full text of H- and EUH-statements:

EUH032	Contact with acids liberates very toxic gas.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/03/2014 Revision date: 26/06/2018 Version: 1.2 Supersedes: 13/03/2017 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 6) Product code : K-INOSL (Bottle 6) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. : Professional use Main use category Use of the substance/mixture : Use as laboratory reagent 1.2.2. Uses advised against No additional information available Details of the supplier of the safety data sheet 1.3. Manufacturer Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com **Emergency telephone number** 1.4. : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] Emergency number **SECTION 2: Hazards identification** 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. Label elements 2.2. Labelling according to Regulation (EC) No. 1272/2008 [CLP] : EUH032 - Contact with acids liberates very toxic gas. **EUH-statements** Labelling according to: exemption for inner packaging where the contents do not exceed 10ml No labelling required 23 **Other hazards** No additional information available

SECTION 3: Composition/information on ingredients 3.1. **Substances** Not applicable

3.2. **Mixtures**

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

SECTION 4: First aid measures				
4.1. Description of first aid measures	5			
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.			
First-aid measures after skin contact	: Wash skin with plenty of water.			
First-aid measures after eye contact	: Rinse eyes with water as a precaution.			
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.			

Safety Data Sheet

according to Regulation (EU) 2015/830

4.2. Most important symptoms and effects, both acute and delayed No additional information available					
4.3. Indication of any immediate medical attention and special treatment needed					
Treat symptomatically.					
SECTION 5: Firefighting measures	SECTION 5: Firefighting measures				
5.1. Extinguishing media					
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.				
5.2. Special hazards arising from the su	bstance or mixture				
Hazardous decomposition products in case of fire	: Toxic fumes may be released.				
5.3. Advice for firefighters					
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.				
SECTION 6: Accidental release mea	sures				
6.1. Personal precautions, protective eq	uipment and emergency procedures				
6.1.1. For non-emergency personnel					
Emergency procedures	: Ventilate spillage area.				
6.1.2. For emergency responders					
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. Environmental precautions					
Avoid release to the environment.					
6.3. Methods and material for containme	ent and cleaning up				
Methods for cleaning up	: Take up liquid spill into absorbent material.				
Other information	: Dispose of materials or solid residues at an authorized site.				
6.4. Reference to other sections					
For further information refer to section 13.					
SECTION 7: Handling and storage					
7.1. Precautions for safe handling					
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.				
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.				
7.2. Conditions for safe storage, includi					
Storage conditions	: Store in a well-ventilated place. Keep cool.				
7.3. Specific end use(s)					
No additional information available					
SECTION 8: Exposure controls/pers	onal protection				
8.1. Control parameters					
No additional information available					
8.2. Exposure controls	8.2. Exposure controls				
Appropriate engineering controls:					
Ensure good ventilation of the work station.					

Hand protection:

Protective gloves

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

Eye protection:

Safety glasses

Safety Data Sheet

according to Regulation (EU) 2015/830

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates very toxic gas.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

Safety Data Sheet

according to Regulation (EU) 2015/830

10.5.	Incompatible materials
Acids.	
40.0	the end of a second state of the second state

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological	information
11.1. Information on toxicolog	cal effects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	nt
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	15
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	DN
ADR	ΙΑΤΑ
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name Not applicable Image: Comparison of the proper shipping name	Not applicable
14.3. Transport hazard class(es)	
Not applicable	Not applicable

Not applicable

Not applicable

Packing group

Environmental hazards

14.4.

14.5. Envi

Not applicable

Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	ΙΑΤΑ			
No supplementary information available				
14.6.	Special precautions for user			
- Overla	and transport			
Not appl	licable			
- Air tra	nsport			
Not appl	licable			
14.7.	Transport in bulk according to Annex II of Marpol and the IBC Code			
Not app	licable			
SECTI	ION 15: Regulatory information			
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture			
15.1.1.	EU-Regulations			
Contains	s no REACH substances with Annex XVII restrictions			
Contains	s no substance on the REACH candidate list			
Contains no REACH Annex XIV substances				
15.1.2.	National regulations			
No additional information available				
15.2.	Chemical safety assessment			
No chen	nical safety assessment has been carried out			
SECTI	ION 16: Other information			
	t of H ₂ and EUH_statements			

Full text of H- and EUH-statements:

EUH032	Contact with acids liberates very toxic gas.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/03/2014 Revision date: 26/06/2018 Version: 1.2 Supersedes: 13/03/2017 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 1) Product code : K-INOSL (Bottle 1) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. : Professional use Main use category Use of the substance/mixture : Use as laboratory reagent 1.2.2. Uses advised against No additional information available Details of the supplier of the safety data sheet 1.3. Manufacturer Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com **Emergency telephone number** 1.4. : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] Emergency number **SECTION 2: Hazards identification** 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. Label elements 2.2. Labelling according to Regulation (EC) No. 1272/2008 [CLP] : EUH032 - Contact with acids liberates very toxic gas. **EUH-statements** Labelling according to: exemption for inner packaging where the contents do not exceed 10ml No labelling required 23 **Other hazards** No additional information available SECTION 3: Composition/information on ingredients 3.1. **Substances** Not applicable 3.2. **Mixtures**

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

Safety Data Sheet

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4.2. Most important symptoms and effect No additional information available	ts, both acute and delayed
4.3. Indication of any immediate medical	attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the sub	ostance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release meas	sures
6.1. Personal precautions, protective equ	uipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
6.1.2. For emergency responders	
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. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containme	nt and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includin	
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/perso	onal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	

Hand protection:

Protective gloves

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

Eye protection:

Safety glasses

Safety Data Sheet

according to Regulation (EU) 2015/830

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical p	properties
9.1. Information on basic physical and c	hemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates very toxic gas.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

Safety Data Sheet

according to Regulation (EU) 2015/830

10.5.	Incompatible materials
Acids.	
40.0	Llemendeure de server settien museluiste

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological in	formation
11.1. Information on toxicologica	leffects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	n
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	ent
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	ns
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	ADN
ADR	ΙΑΤΑ
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name	Net en Perkle
Not applicable	Not applicable
14.3. Transport hazard class(es) Not applicable	Not applicable
	Not applicable

Not applicable

Not applicable

Packing group

Environmental hazards

14.4.

14.5. Envi

Not applicable

Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	ΙΑΤΑ
	No supplementary information available
14.6.	Special precautions for user
- Overla	and transport
Not app	blicable
- Air tra	ansport
Not app	blicable
14.7.	Transport in bulk according to Annex II of Marpol and the IBC Code
Not app	blicable
SECT	ION 15: Regulatory information
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1.	EU-Regulations
Contain	ns no REACH substances with Annex XVII restrictions
Contain	ns no substance on the REACH candidate list
Contain	ns no REACH Annex XIV substances
15.1.2.	National regulations
No addi	itional information available
15.2.	Chemical safety assessment
No cher	mical safety assessment has been carried out
SECT	ION 16: Other information
E ull Assu	xt of H- and EUH-statements:

Full text of H- and EUH-statements:	
EUH032	Contact with acids liberates very toxic gas.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/03/2014 Revision date: 26/06/2018 Version: 1.2 Supersedes: 13/03/2017 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 5) Product code : K-INOSL (Bottle 5) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. : Professional use Main use category Use of the substance/mixture : Use as laboratory reagent 1.2.2. Uses advised against No additional information available Details of the supplier of the safety data sheet 1.3. Manufacturer Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com **Emergency telephone number** 1.4. : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] Emergency number **SECTION 2: Hazards identification** 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. Label elements 2.2. Labelling according to Regulation (EC) No. 1272/2008 [CLP] : EUH210 - Safety data sheet available on request. **EUH-statements** Labelling according to: exemption for inner packaging where the contents do not exceed 10ml No labelling required 23 **Other hazards** No additional information available **SECTION 3: Composition/information on ingredients** 3.1. **Substances** Not applicable 3.2. **Mixtures**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-(4-iodophenyl)-3-(4-nitrophenyl)-5-phenyltetrazolium chloride, INT	(CAS-No.) 146-68-9 (EC-No.) 205-676-2	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332

Full text of H-statements: see section 16

myo-Inositol Assay Kit (Bottle 5) Safety Data Sheet

according to Regulation (EU) 2015/830

according to Regulation (EU) 2015/830	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effect	cts, both acute and delayed
No additional information available	
	I attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam.
5.2. Special hazards arising from the su	bstance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release mea	sures
	uipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
6.1.2 For emergency responders	
6.1.2. For emergency responders 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. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containing	ant and cleaning up
Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	•
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	 Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includi	ng any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/pers	onal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	
Hand protection:	
Protective gloves	

Protective gloves

Safety Data Sheet

according to Regulation (EU) 2015/830

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

Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and	chemical properties	
Physical state	: Solid	
Colour	: No data available	
Odour	: No data available	
Odour threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: No data available	
Freezing point	: Not applicable	
Boiling point	: No data available	
Flash point	: Not applicable	
Auto-ignition temperature	: Not applicable	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: Non flammable.	
Vapour pressure	: No data available	
Relative vapour density at 20 °C	: No data available	
Relative density	: Not applicable	
Solubility	: No data available	
Log Pow	: No data available	
Viscosity, kinematic	: Not applicable	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidising properties	: No data available	
Explosive limits	: Not applicable	
9.2. Other information		
No additional information available		

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

Safety Data Sheet

according to Regulation (EU) 2015/830

10.3.	Possibility of hazardous reactions
No dang	gerous reactions known under normal conditions of use.
10.4.	Conditions to avoid
None ur	nder recommended storage and handling conditions (see section 7).
10.5.	Incompatible materials
No addi	tional information available
10.6.	Hazardous decomposition products
Under n	ormal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information Information on toxicological effects 11.1. Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Respiratory or skin sensitisation Not classified : Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified : Not classified Aspiration hazard **SECTION 12: Ecological information** 12.1. Toxicity Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Acute aquatic toxicity : Not classified : Not classified Chronic aquatic toxicity 12.2. Persistence and degradability No additional information available 12.3. **Bioaccumulative potential** No additional information available Mobility in soil 12.4. No additional information available 12.5. Results of PBT and vPvB assessment No additional information available Other adverse effects 12.6. No additional information available **SECTION 13: Disposal considerations** Waste treatment methods 13.1. Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN	
ADR	ΙΑΤΑ
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name	
Not applicable	Not applicable

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ADR	ΙΑΤΑ
14.3. Transport hazard class(es)	
Not applicable	Not applicable
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Not applicable	Not applicable
No supplementary i	nformation available

14.6. Special precautions for user

- Overland transport

Not applicable

- Air transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 11/03/2014 Revision date: 26/06/2018

Supersedes: 13/03/2017

	Date of issue: 11/03/2014	Revision date: 26/06/2018	Supersedes: 13/03/2017	Version: 1.2
SECTION 1: Identification	of the substance/mixtu	ire and of the company	/undertaking	
I.1. Product identifier				
Product form	: Mixture			
Product name	: myo-Inositol	Assay Kit (Bottle 4)		
Product code	K-INOSL (Bo	ottle 4)		
.2. Relevant identified use	es of the substance or mixtur	a and uses advised against		
.2.1. Relevant identified use		e and uses advised against		
ndustrial/Professional use spec	: For profession	onal use only		
lse of the substance/mixture	: Use as labor	•		
.2.2. Uses advised against				
lo additional information available				
	of the safety data sheet			
/legazyme Bray Business Park				
198 YV29 Bray - Ireland				
[*] +353 12861220 - F +353 128612 s@megazyme.com - <u>www.megaz</u>	264 zvme.com			
.4. Emergency telephone		220 [9 am to 5 pm GMT - Mond	av to Fridavl	
mergency number	. +333 120012	220 [9 and to 5 pin Gim - Mond	ay to Friday]	
ECTION 2: Hazards iden				
1. Classification of the su	ibstance or mixture			
	ulation (EC) No. 1272/2008 [C	LP]		
lassification according to Regu		-		
Serious eye damage/eye irritation,				
Serious eye damage/eye irritation, Full text of H statements : see sect	Category H319 tion 16			
erious eye damage/eye irritation, full text of H statements : see sect adverse physicochemical, huma causes serious eye irritation.	Category H319 tion 16			
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation.	Category H319 tion 16			
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation.	Category H319 tion 16 an health and environmental			
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation. 2.2. Label elements Labelling according to Regulation	Category H319 tion 16 an health and environmental			
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation.	Category H319 tion 16 an health and environmental			
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation.	Category H319 tion 16 an health and environmental			
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erious eye damage/eye irritation, ull text of H statements : see sect dverse physicochemical, huma causes serious eye irritation. 2. Label elements abelling according to Regulation lazard pictograms (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : GHS07 : Warning	effects		
Serious eye damage/eye irritation, full text of H statements : see sect adverse physicochemical, huma Causes serious eye irritation. .2. Label elements abelling according to Regulation lazard pictograms (CLP) signal word (CLP) lazard statements (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : GHS07 : Warning : H319 - Caus	effects		
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation. 2. Label elements Labelling according to Regulation Hazard pictograms (CLP) Hazard statements (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : GHS07 : Warning : H319 - Caus : P264 - Wash	effects es serious eye irritation n hands thoroughly after handlir		
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation. 2. Label elements Labelling according to Regulation Hazard pictograms (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : GHS07 : Warning : H319 - Caus : P264 - Wash P280 - Wear	effects es serious eye irritation n hands thoroughly after handlir eye protection, protective cloth	ning, protective gloves	ninutes. Remove
Serious eye damage/eye irritation, full text of H statements : see sect adverse physicochemical, huma Causes serious eye irritation. .2. Label elements abelling according to Regulation lazard pictograms (CLP) signal word (CLP) lazard statements (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : GHS07 : Warning : H319 - Caus : P264 - Wash P280 - Wear P305+P351+ contact lense	effects es serious eye irritation hands thoroughly after handlir eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co	ing, protective gloves tiously with water for several n ontinue rinsing.	ninutes. Remove
erious eye damage/eye irritation, ull text of H statements : see sect adverse physicochemical, huma causes serious eye irritation. .2. Label elements abelling according to Regulation lazard pictograms (CLP) ignal word (CLP) lazard statements (CLP) recautionary statements (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : GHS07 : Warning : H319 - Caus : P264 - Wash P280 - Wear P305+P351+ contact lense P337+P313 :	effects es serious eye irritation hands thoroughly after handlin eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co - If eye irritation persists: Get m	ing, protective gloves tiously with water for several n ontinue rinsing. iedical advice/attention.	ninutes. Remove
erious eye damage/eye irritation, ull text of H statements : see sect dverse physicochemical, huma auses serious eye irritation. .2. Label elements abelling according to Regulation azard pictograms (CLP) ignal word (CLP) azard statements (CLP) recautionary statements (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : GHS07 : Warning : H319 - Caus : P264 - Wash P280 - Wear P305+P351+ contact lense P337+P313 :	effects es serious eye irritation hands thoroughly after handlir eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co	ing, protective gloves tiously with water for several n ontinue rinsing. iedical advice/attention.	ninutes. Remove
erious eye damage/eye irritation, ull text of H statements : see sect dverse physicochemical, huma auses serious eye irritation. .2. Label elements abelling according to Regulation azard pictograms (CLP) ignal word (CLP) azard statements (CLP) recautionary statements (CLP) UH-statements	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : : : : : : : : : : : : : : : : : :	effects es serious eye irritation hands thoroughly after handlir eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co - If eye irritation persists: Get m pontact with acids liberates very	ing, protective gloves tiously with water for several n ontinue rinsing. iedical advice/attention.	ninutes. Remove
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Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation. 2. Label elements Labelling according to Regulation Hazard pictograms (CLP) Hazard statements (CLP) Precautionary statements (CLP) EUH-statements Labelling according to: exemption	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] GHS07 : Warning : H319 - Caus : P264 - Wash P280 - Wear P305+P351+ contact lense P337+P313 : EUH032 - Co on for packages of a capacity	effects es serious eye irritation hands thoroughly after handlir eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co - If eye irritation persists: Get m pontact with acids liberates very	ing, protective gloves tiously with water for several n ontinue rinsing. iedical advice/attention.	ninutes. Remove
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation. 2. Label elements Labelling according to Regulation Hazard pictograms (CLP) Precautionary statements (CLP) Precautionary statements (CLP)	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : : : : : : : : : : : : : : : : : :	effects es serious eye irritation hands thoroughly after handlir eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co - If eye irritation persists: Get m pontact with acids liberates very	ing, protective gloves tiously with water for several n ontinue rinsing. iedical advice/attention.	ninutes. Remove
Serious eye damage/eye irritation, Full text of H statements : see sect Adverse physicochemical, huma Causes serious eye irritation. 2. Label elements Labelling according to Regulation Hazard pictograms (CLP) Frecautionary statements (CLP) Precautionary statements (CLP) EUH-statements Labelling according to: exemption	Category H319 tion 16 an health and environmental on (EC) No. 1272/2008 [CLP] : : : : : : : : : : : : : : : : : : :	effects es serious eye irritation hands thoroughly after handlir eye protection, protective cloth P338 - IF IN EYES: Rinse cau es, if present and easy to do. Co - If eye irritation persists: Get m pontact with acids liberates very	ing, protective gloves tiously with water for several n ontinue rinsing. iedical advice/attention. toxic gas.	ninutes. Remove

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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycylglycine	(CAS-No.) 556-50-3 (EC-No.) 209-127-8	10 - 20	Eye Irrit. 2, H319
TRITON X-100 substance listed as REACH Candidate (4-(1,1,3,3- tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues])	(CAS-No.) 9002-93-1 (EC-No.) 618-344-0	1 - 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
sodium azide substance with a Community workplace exposure limit	(CAS-No.) 26628-22-8 (EC-No.) 247-852-1 (EC Index-No.) 011-004-00-7	< 0.1	Acute Tox. 2 (Oral), H300 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. Rinse mouth.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects after eye contact	: Eye irritation.
4.3. Indication of any immediate medica	I attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the su	bstance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release mea	sures
6.1. Personal precautions, protective ed	uipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
6.1.2. For emergency responders	
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. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containme	ent and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
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Other information		: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections			
For fur	ther information refer to section 13.		
SECT	ION 7: Handling and storage		
7.1.	Precautions for safe handling		
Precau	tions for safe handling	 Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors of in a well-ventilated area. 	
Hygien	e measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.	
7.2.	Conditions for safe storage, incl	iding any incompatibilities	
Storage	e conditions	: Store in a well-ventilated place. Keep cool. Store locked up.	
7.3.	Specific end use(s)		
No add	itional information available		

SECTION 8: Exposure controls/personal protection				
8.1. Control parameters				
sodium azide (26628-22-8)				
EU	Local name	Sodium azide		
EU	IOELV TWA (mg/m ³)	0.1 mg/m ³		
EU	EU IOELV STEL (mg/m ³) 0.3 mg/m ³			
EU	Notes	Skin		
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC		

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

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

Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. [In case of inadequate ventilation] wear respiratory protection.

Device	Filter type	Condition	Standard
Dust mask	Туре Р1	Protection for Liquid particles	EN 143, EN 149



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Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1.	Information on basic physical	and che	mical properties
Physical	state	:	Liquid
Colour		:	No data available on
Odour		:	None.
Odour th	reshold	:	No data available
pН		:	No data available
Relative	evaporation rate (butylacetate=1)	:	No data available
Melting p	point	:	Not applicable
Freezing	point	:	No data available
Boiling p	oint	:	No data available
Flash po	int	:	No data available
Auto-igni	tion temperature	:	No data available
Decompo	osition temperature	:	No data available
Flammat	pility (solid, gas)	:	Not applicable
Vapour p	pressure	:	No data available
Relative	vapour density at 20 °C	:	No data available
Relative	density	:	No data available
Solubility	,	:	Soluble in water.
Log Pow		:	No data available
Viscosity	, kinematic	:	No data available
Viscosity	r, dynamic	:	No data available
Explosive	e properties	:	No data available
Oxidising	g properties	:	No data available
Explosive	e limits	:	

9.2. Other information

No additional information available

SECT	ON 10: Stability and reactivity			
10.1.	Reactivity			
The pro	The product is non-reactive under normal conditions of use, storage and transport.			
10.2.	Chemical stability			
Stable u	inder normal conditions.			
10.3.	Possibility of hazardous reactions			
Contact	with acids liberates very toxic gas.			
10.4.	Conditions to avoid			
None ur	nder recommended storage and handling conditions (see section 7).			
10.5.	Incompatible materials			
Acids.				
40.0	I have a device of the second s			

colour.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (oral)	Not classified	
Acute toxicity (dermal)	Not classified	
Acute toxicity (inhalation)	Not classified	
TRITON X-100 (9002-93-1)		
LD50 oral rat	1800 mg/kg rat	
LD50 dermal rabbit	> 3000 mg/kg rabbit	
Skin corrosion/irritation :	Not classified	
Serious eye damage/irritation	Causes serious eye irritation.	
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Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.	
Acute aquatic toxicity	Not classified	
Chronic aquatic toxicity	Not classified	
TRITON X-100 (9002-93-1)		
LC50 fish 2 8.9 mg/l (LC50; 96 h)		
EC50 Daphnia 1	26 mg/l (EC50; 48 h)	
12.2. Persistence and degradability		
TRITON X-100 (9002-93-1)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	2.16 g O ₂ /g substance	
Glycylglycine (556-50-3)		
Persistence and degradability Biodegradability in water: no data available.		
12.3. Bioaccumulative potential		

TRITON X-100 (9002-93-1)		
Log Pow 4.86 (estimated value)		
Glycylglycine (556-50-3)		
Bioaccumulative potential Not established.		
12.4. Mobility in soil		

No additional information available

12.5. Results of PBT and vPvB assessmen	t
Component	
TRITON X-100 (9002-93-1)	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. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods Waste treatment methods

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

SECTION 14: Transport information

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

ADR	IATA
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name	
Not applicable	Not applicable
14.3. Transport hazard class(es)	
Not applicable	Not applicable
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Not applicable	Not applicable

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according to Regulation (EU) 2015/830

ADR		ΙΑΤΑ	
		No supplementary information available	
14.6.	Special precautions for user		

- Overland transport

Not applicable

- Air transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit: 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] (EC 618-344-0, CAS 9002-93-1) Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

	·
Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.

SDS EU (REACH Annex II)

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.



Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/03/2014 Revision date: 26/06/2018 Version: 1.2 Supersedes: 13/03/2017 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. **Product identifier** Product form : Mixture Product name : myo-Inositol Assay Kit (Bottle 2) Product code : K-INOSL (Bottle 2) 1.2. Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses** 1.2.1. : Professional use Main use category Use of the substance/mixture : Use as laboratory reagent 1.2.2. Uses advised against No additional information available Details of the supplier of the safety data sheet 1.3. Manufacturer Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 cs@megazyme.com - www.megazyme.com **Emergency telephone number** 1.4. : +353 12861220 [9 am to 5 pm GMT - Monday to Friday] Emergency number **SECTION 2: Hazards identification** 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects 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. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable Labelling according to: exemption for inner packaging where the contents do not exceed 10ml No labelling required 23 **Other hazards** No additional information available SECTION 3: Composition/information on ingredients 3.1. **Substances** Not applicable 3.2. **Mixtures**

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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4.2. Most important symptoms and effects	s, both acute and delayed
No additional information available	
4.3. Indication of any immediate medical a	attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam.
5.2. Special hazards arising from the subs	stance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measurements	ures
6.1. Personal precautions, protective equi	ipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
6.1.2. For emergency responders	
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. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containmen	t and cleaning up
Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/perso	nal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	

Hand protection:

Protective gloves

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

Eye protection:

Safety glasses

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Туре	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivit	у

10.1.	Reactivity
The prod	uct is non-reactive under normal conditions of use, storage and transport.
10.2.	Chemical stability
Stable ur	nder normal conditions.
10.3.	Possibility of hazardous reactions
No dange	erous reactions known under normal conditions of use.
10.4.	Conditions to avoid
Nonoun	der recommended storage and handling conditions (can section 7)

None under recommended storage and handling conditions (see section 7).

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological info	mation
11.1. Information on toxicological ef	fects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessmer	nt
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	IS
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / AD	DN .
ADR	ΙΑΤΑ
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name Not applicable	Not applicable
14.3. Transport hazard class(es)	
Not applicable	Not applicable
<u> </u>	

Not applicable

Not applicable

Packing group

Environmental hazards

14.4.

14.5.

Not applicable

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ADR	ΙΑΤΑ	
No supplementary information available		
14.6.	Special precautions for user	
- Overla	and transport	
Not applicable		
- Air transport		
Not app	blicable	
14.7.	4.7. Transport in bulk according to Annex II of Marpol and the IBC Code	
Not applicable		
SECT	ION 15: Regulatory information	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1.	EU-Regulations	
Contains no REACH substances with Annex XVII restrictions		

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

SDS EU (REACH Annex II)

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.