

IENCES® G-Biosciences, St Louis, MO, USA | 1-800-628-7730 | 1-314-991-6034 | technical@GBiosciences.com

A Geno Technology, Inc. (USA) brand name

Safety Data Sheet

Cat. # 786-1314

TMRE Mitochondrial Membrane Potential Assay

Size: 500 tests





FCCP Control [20mM] Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

.1. Product identifier			
Product form	: Mixture		
Product name	: FCCP Control [20mM]		
Product code	: 050F		
Product group	: Trade product		
.2. Relevant identified uses of the	substance or mixture and uses advis	ed against	
.2.1. Relevant identified uses			
lo additional information available			
.2.2. Uses advised against			
lo additional information available			
.3. Details of the supplier of the s Geno Technology, Inc./ G-Biosciences 800 Page Avenue 3132-1429 Saint Louis - United States 800-628-7730 - F 314-991-1504 echnical@GBiosciences.com - www.GBi			
.4. Emergency telephone number			
mergency number	: Chemtrec 1-800-424-9300 (USA/C	anada), +1-703-527- ;	3887 (Intl)
ECTION 2: Hazards identificat A.1. Classification of the substance Classification according to Regulation lot classified Adverse physicochemical, human heat To our knowledge, this product does not p	e or mixture (EC) No. 1272/2008 [CLP]	ed in accordance with	h good occupational hygiene and sa
A.1. Classification of the substance Classification according to Regulation lot classified Adverse physicochemical, human heal o our knowledge, this product does not practice. A.2. Label elements abelling according to Regulation (EC) lo labelling applicable .3. Other hazards	e or mixture (EC) No. 1272/2008 [CLP] th and environmental effects present any particular risk, provided it is handl	ed in accordance with	h good occupational hygiene and sa
Classification of the substance Classification according to Regulation lot classified Adverse physicochemical, human heal o our knowledge, this product does not p ractice. C. Label elements abelling according to Regulation (EC) lo labelling applicable	e or mixture (EC) No. 1272/2008 [CLP] th and environmental effects present any particular risk, provided it is handle No. 1272/2008 [CLP]	ed in accordance with	h good occupational hygiene and sa
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 Classification of the substance lassification according to Regulation ot classified dverse physicochemical, human heal o our knowledge, this product does not practice. Label elements abelling according to Regulation (EC) o labelling applicable Other hazards o additional information available ECTION 3: Composition/inforr Substances ot applicable Mixtures 	e or mixture (EC) No. 1272/2008 [CLP] th and environmental effects present any particular risk, provided it is handle No. 1272/2008 [CLP] mation on ingredients		Classification according t Regulation (EC) No.

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 effects,	both acute and delayed
No additional information available	
4.3. Indication of any immediate medical att	ention and special treatment needed
Treat symptomatically.	

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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 substa	
Fire hazard	: Combustible liquid.
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 measure 6.1. Personal precautions, protective equipm	
6.1.1. For non-emergency personnel Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking.
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 containment a	nd cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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 an	y incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal 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
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
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

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	• •
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
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological information 11.1. Information on toxicological effects	
	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
DMSO [Sterile Filtered] (67-68-5)	
LD50 oral rat	28300 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rat	40000 mg/kg bodyweight (Rat, Male / female, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	> 5.33 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation)
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

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SECTION 12: Ecological informa	tion
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
DMSO [Sterile Filtered] (67-68-5)	
LC50 fish 1	> 25 g/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Experimental value, Lethal)
EC50 Daphnia 1	24.6 g/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
EC50 72h algae (1)	17 g/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)
12.2. Persistence and degradability	
DMSO [Sterile Filtered] (67-68-5)	
Persistence and degradability	Not readily biodegradable in water.
FCCP (370-86-5)	

Persistence and degradability	Biodegradability in water: no data available.
12.3. Bioaccumulative potential	
DMSO [Sterile Filtered] (67-68-5)	
BCF fish 1	< 0.4 (Cyprinus carpio, Test duration: 6 weeks)
Log Pow	-1.35 (Experimental value, 20 °C)
Bioaccumulative potential	Not bioaccumulative.

FCCP (370-86-5)	
Log Pow	3.68
Bioaccumulative potential	No bioaccumulation data available.
12.4. Mobility in soil	
DMSO [Sterile Filtered] (67-68-5)	
Surface tension	0.0435 N/m (20 °C, 10 g/l)
Log Koc	0.64 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
12.5. Results of PBT and vPvB assessment 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	: Waste treatment methods.

SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA / ADM		
14.1. UN number		
UN-No. (ADR)	: Not applicable	
UN-No. (IMDG)	: Not applicable	
UN-No. (IATA)	: Not applicable	
UN-No. (ADN)	: Not applicable	
UN-No. (RID)	: Not applicable	
14.2. UN proper shipping name		
Proper Shipping Name (ADR)	: Not applicable	
Proper Shipping Name (IMDG)	: Not applicable	
Proper Shipping Name (IATA)	: Not applicable	
Proper Shipping Name (ADN)	: Not applicable	

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Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
IMDG	
Transport hazard class(es) (IMDG)	: Not applicable
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not applicable
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	
14.7. Transport in bulk according to Annex I Not applicable	l of Marpol and the IBC Code

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

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

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:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
Safety Data Sheet applicable for regions GB - United Kingdom		

Safety Data Sheet applicable for regions

: GB - United Kingdom

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.



.1. Product identifier	substance/mixture and of the co		
Product form	: Mixture		
Product name	: MMP Assay Buffer [5X]		
Product code	: 095M		
Product group	: Trade product		
.2. Relevant identified uses of the	substance or mixture and uses advise	ed against	
.2.1. Relevant identified uses			
lo additional information available			
.2.2. Uses advised against			
lo additional information available			
.3. Details of the supplier of the sa	fety data sheet		
Geno Technology, Inc./ G-Biosciences			
800 Page Avenue 3132-1429 Saint Louis - United States			
800-628-7730 - F 314-991-1504			
echnical@GBiosciences.com - www.GBio	<u>sciences.com</u>		
.4. Emergency telephone number		anada) 14 700 507 00	107 (lm4l)
mergency number	: Chemtrec 1-800-424-9300 (USA/Ca	anada), +1-/03-52/-38	387 (INU)
ECTION 2: Hazards identificati 1. Classification of the substance			
a. Classification of the substance	or mixture		
dverse physicochemical, human healt			
Adverse physicochemical, human healt o our knowledge, this product does not pr ractice.	h and environmental effects resent any particular risk, provided it is handle	ed in accordance with	good occupational hygiene and saf
Adverse physicochemical, human healt To our knowledge, this product does not pr practice. 2.2. Label elements	resent any particular risk, provided it is handle	ed in accordance with g	good occupational hygiene and saf
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Adverse physicochemical, human healt To our knowledge, this product does not pr ractice. A.2. Label elements Abelling according to Regulation (EC) To labelling applicable	resent any particular risk, provided it is handle	ed in accordance with s	good occupational hygiene and saf
Adverse physicochemical, human healt To our knowledge, this product does not pr ractice. 2.2. Label elements abelling according to Regulation (EC) To labelling applicable 2.3. Other hazards	resent any particular risk, provided it is handle	ed in accordance with	good occupational hygiene and saf
Not classified Adverse physicochemical, human healt To our knowledge, this product does not pro- practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available	resent any particular risk, provided it is handle	ed in accordance with g	good occupational hygiene and saf
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Adverse physicochemical, human healt To our knowledge, this product does not pro- practice. 2.2. Label elements abelling according to Regulation (EC) No labelling applicable 2.3. Other hazards	resent any particular risk, provided it is handle No. 1272/2008 [CLP]	ed in accordance with g	good occupational hygiene and saf
Adverse physicochemical, human healt To our knowledge, this product does not pro- aractice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable	resent any particular risk, provided it is handle No. 1272/2008 [CLP]	ed in accordance with s	good occupational hygiene and saf
dverse physicochemical, human healt to our knowledge, this product does not pr ractice. .2. Label elements abelling according to Regulation (EC) is to labelling applicable .3. Other hazards to additional information available ECTION 3: Composition/inform .1. Substances tot applicable .2. Mixtures Name	resent any particular risk, provided it is handle No. 1272/2008 [CLP] nation on ingredients		Classification according t Regulation (EC) No.
dverse physicochemical, human healt o our knowledge, this product does not pr ractice. .2. Label elements abelling according to Regulation (EC) f o labelling applicable .3. Other hazards o additional information available ECTION 3: Composition/inform .1. Substances ot applicable .2. Mixtures Name	resent any particular risk, provided it is handle No. 1272/2008 [CLP] nation on ingredients Product identifier	%	Classification according t Regulation (EC) No. 1272/2008 [CLP]
dverse physicochemical, human healt o our knowledge, this product does not pr ractice. .2. Label elements abelling according to Regulation (EC) is to labelling applicable .3. Other hazards to additional information available ECTION 3: Composition/inform .1. Substances tot applicable .2. Mixtures Name	nation on ingredients Product identifier (CAS-No.) 7732-18-5 (CAS-No.) 7647-14-5	<mark>%</mark> ≥= 80	Classification according t Regulation (EC) No. 1272/2008 [CLP] Not classified
Adverse physicochemical, human healt io our knowledge, this product does not pr ractice. 2.2. Label elements abelling according to Regulation (EC) Io labelling applicable 2.3. Other hazards Io additional information available SECTION 3: Composition/inform 3.1. Substances Iot applicable 3.2. Mixtures	resent any particular risk, provided it is handle No. 1272/2008 [CLP] nation on ingredients Product identifier (CAS-No.) 7732-18-5 (CAS-No.) 7647-14-5 (EC-No.) 231-598-3	% >= 80 ≥ - 5	Classification according t Regulation (EC) No. 1272/2008 [CLP] Not classified Not classified
Adverse physicochemical, human healt fo our knowledge, this product does not pr ractice. .2. Label elements abelling according to Regulation (EC) I to labelling applicable .3. Other hazards to additional information available SECTION 3: Composition/inform .1. Substances to applicable .2. Mixtures Name Deionized water sodium chloride Bovine Serum Albumin	resent any particular risk, provided it is handle No. 1272/2008 [CLP] nation on ingredients Product identifier (CAS-No.) 7732-18-5 (CAS-No.) 7647-14-5 (EC-No.) 231-598-3 (CAS-No.) 9048-46-8	% >= 80 2 - 5 0.5 - 2	Classification according t Regulation (EC) No. 1272/2008 [CLP] Not classified Not classified Not classified Not classified

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.

MMP Assay Buffer [5X]

First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and eff	ects, both acute and delayed
lo additional information available	·
I.3. Indication of any immediate media reat symptomatically.	cal attention and special treatment needed
SECTION 5: Firefighting measures	
5.1. Extinguishing media	Weter energy David and Facar Cash an disuida
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the s Hazardous decomposition products in case of	
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 me	easures
3.1. Personal precautions, protective e	equipment 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 containr 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.
lygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, inclue	
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s) No additional information available	
SECTION 8: Exposure controls/pe	rsonal protection
3.1. Control parameters	
No additional information available	
3.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	

 Hand protection:

 Protective gloves

 Eye protection:

 Safety glasses

 Skin and body protection:

 Wear suitable protective clothing

 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		

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
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

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
Potassium Phosphate (Dibasic) (7758-11-4)	
LD50 oral rat	8000 mg/kg (Rat, Oral)
potassium chloride (7447-40-7)	
LD50 oral rat	3020 mg/kg bodyweight (Rat, Female, Experimental value, Oral)
codium chlorido (7647 14 5)	

sodium chloride (7647-14-5)	
LD50 oral rat	> 3980 mg/kg bodyweight (Rat, Experimental value, 20% aqueous solution, Oral)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	> 42 mg/l air (1 h, Rat, Male, Experimental value, 20% aqueous solution, Inhalation (aerosol))

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	ation
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
Potassium Phosphate (Dibasic) (7	758-11-4)
LC50 fish 1	> 900 mg/l (48 h, Leuciscus idus, Static system)

potassium chloride (7447-40-7)	
LC50 fish 1	2010 mg/l (96 h, Lepomis macrochirus, Static system)
LC50 fish 2	880 mg/l (EPA 600/4-90/027, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	660 mg/l (EPA 600/4-90/027, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 72h algae (1)	2500 mg/l (Scenedesmus subspicatus, Biomass)
ErC50 (algae)	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

sodium chloride (7647-14-5)	
LC50 fish 1	5840 mg/l (ASTM, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value)
12.2. Persistence and degradability	
Potassium Phosphate (Dibasic) (7758-11-4)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

potassium chloride (7447-40-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

sodium chloride (7647-14-5)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Bovine Serum Albumin (9048-46-8)	
Persistence and degradability Readily biodegradable in water.	
12.3. Bioaccumulative potential	
Potassium Phosphate (Dibasic) (7758-11-4)	
Bioaccumulative potential	No bioaccumulation data available.

potassium chloride (7447-40-7)	
Log Pow	-0.46 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.

sodium chloride (7647-14-5)	
Log Pow	-3 (Calculated)
Bioaccumulative potential	Not bioaccumulative.
12.4. Mobility in soil	
potassium chloride (7447-40-7)	
Ecology - soil	No (test)data on mobility of the substance available.

sodium chloride (7647-14-5)	
Surface tension	73.03 mN/m (23 °C, 14.5 g/l)
Ecology - soil	No (test)data on mobility of the substance available.
12.5. Results of PBT and vPvB assessment	
Component	
potassium chloride (7447-40-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
sodium chloride (7647-14-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
12.6. Other adverse effects	
No additional information available	

SECTION 13: Disposal considerations 13.1. Waste treatment methods	
Waste treatment methods	: Waste treatment methods.
waste iteatment methods	
SECTION 44: Transport information	
SECTION 14: Transport information	
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
IMDG	
Transport hazard class(es) (IMDG)	: Not applicable
IATA	· · · · · · · · · · · · · · · · · · ·
	· Net applicable
Transport hazard class(es) (IATA)	: Not applicable

MMP Assay Buffer [5X]

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	
14.7. Transport in bulk according to Ani	nex II of Marpol and the IBC Code
Not applicable	
SECTION 45: Doculatory informatio	

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 Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals. Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

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

Safety Data Sheet applicable for regions

: GB - United Kingdom

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 (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

DMSO [Sterile Filtered] (CAS-No.) 67-68-5 (EC-No.) 200-664-3 >= 80 Not classified TMRE (CAS-No.) 115532-52-0 < 0.05 Not classified SECTION 4: First aid measures 4.1. Description of first aid measures	1.1. Product identifier	substance/mixture and of the con		
Product code :: 100T Product group :: Trade product 2.8. Relevant identified uses of the substance or mixture and uses advised against 12.1. Relevant identified uses Is additional information available 2.2. Uses advised against is additional information available 3.2. Lags advised against is additional information available 3.3. Details of the supplier of the safety data sheet Born Technology, Inc / G-Biosciences.com 1.4. Emergency telephone number Classification according to Regulation (EC) No. 1272/2008 [CLP] kot classified Werse physicochemical, human healt and environmental effects To our knowledge, this product dees not present any particular risk, provided it is handled in accordance with good occupational hygiene and ractice. 12. Labol elemonts 13. Other hazards	Product form	: Mixture		
hoduci group : Tade product 1.2. Relevant identified uses of the substance or mixture and uses advised against 2.1. Relevant identified uses to additional information available 3.2. Uses advised against to additional information available 3.3. Details of the supplier of the safety data sheet Bion Detahology, Inc./ 0-Biosciences BioD Page Avenue 3132-1429 Saint Louis - United States 300-028-770. P 314-991-1504 exhinal@GBiosciences.com 4.4. Emergency telephone number intergency number : Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Int) SECTION 2: Hazards Identification 4.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 (CLP) to classified Mores 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 ractice. 2.2. Label elements ababeling according to Regulation (EC) No. 1272/2008 [CLP] to labeling applicable 3.3. Other hazards 4.3. Mixtures Name <u>Product identifier</u> 5.4. Substances 5.2. Linket (CAS-No.) 67-88-5 (EC-No.) 20-68-5 (EC-No.) 20-	Product name	: TMRE Solution [0.5mM]		
12. Relovant identified uses of the substance or mixture and uses advised against 2.1. Relovant identified uses is advised against 3.2. Uses advised against to additional information available 3.3. Details of the supplier of the safety data sheet amo Technology, Inc / G-Biosciences BOP Bage Averue 3132-1292 Saint Louis - United States BO0-028-7700. F 314-991-1504 Bondiag CRID Sciences.com - www CRIDSciences.com .4. Emergency telephone number chemistical CRID Sciences.com .1. Classification of the substance or mixture .1. Classification of the substance or mixture .1. Classification for the substance or mixture .2. Label dements .2. Advised gainst .3. Out in Science .3. Advised against .3. Classification according to Regulation (EC) No. 1272/2008 [CLP] .3. Advised period is a science in any particular risk, provided it is handled in accordance with good occupational hygiene and ractice. .2. Label elements .3. Advised against .3. Other hazards .3. Advised against .3. Other hazards .3. Other hazards .3. Other hazards .3. Advised against <td>Product code</td> <td>: 100T</td> <td></td> <td></td>	Product code	: 100T		
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No additional information available L3. Details of the supplier of the safety data sheet Sano Technology, Inc/ G-Biosciences 800 Page Avenue 8132-1429 Sant Louis - United States 800 Page Avenue 8132-1429 Sanot Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 8132-1429 Sate Louis - United States 800 Page Avenue 814 814 815 815 815 815 815 815 815 815 815 815				
Bano Technology, Inc./ G-Biosciences BioD Page Avenue S132-1429 Saint Louis - United States F300-028, 730, - F 314-991-1504 echnical@GBiosciences.com - www.GBiosciences.com 1.4. Emergency telephone number Emergency number : Chemtred 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl) SECTION 2: Hazards identification 2.1. Classification according to Regulation (EC) No. 1272/2008 [CLP] Vot 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 ractice. 2.2. Label elements .abelling according to Regulation (EC) No. 1272/2008 [CLP] vo additional information available SECTION 3: Composition/information on ingredients 5.1. Substances vo additional information available SECTION 3: Composition/information on ingredients 5.1. Substances vo additional information S.2. Mixtures Name Product identifier % Classification accordin Regulation (EC) No. 1272/2008 [CLP] DMSO [Sterile Filtered] (CAS-No.) 87-88-5 (EC-No.) 200-664-3 >= 80 Not classified </td <td>No additional information available</td> <td></td> <td></td> <td></td>	No additional information available			
800-628-7730 - F 314-991-1504 echnical@Q6Biosciences.com - www.GBiosciences.com .4. Emergency telephone number :Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl) SECTION 2: Hazards identification 1.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] lot classified vdverse physicochemical, human health and environmental effects o our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and ractice. :2. Label elements abelling according to Regulation (EC) No. 1272/2008 [CLP] lot labelling applicable :3. Other hazards lot additional information available SECTION 3: Composition/information on ingredients :1. Substances lot applicable :2. Mixtures Name Product identifier % Classification accordin Regulation (EC) No. 1272/2008 [CLP] DMSO [Sterile Filtered] (CAS-No.) 67-68-5 (EC-No.) 200-664-3 >= 80 Not classified Store (CAS-No.) 67-68-5 (EC-No.) 200-664-3 >= 80 Not classified RECTION 4: First aid measures	Geno Technology, Inc./ G-Biosciences	ety data sheet		
4. Emergency telephone number Emergency number : Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Init) SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Voi classified Adverse physicochemical, human health and environmental effects Fo our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and ractice. 2.2. Label elements .abelling according to Regulation (EC) No. 1272/2008 [CLP] No tabelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information on ingredients St. 1. Substances Voi applicable 3.2. Mixtures Name Product identifier % Classification accordin Regulation (EC) No. 1272/2008 [CLP] DMSO [Sterile Filtered] (CAS-No.) 67-68-5 (EC-No.) 200-684-3 >= 80 Not classified StertION 4: First aid measures	Г 800-628-7730 - F 314-991-1504	iences com		
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(EC-No.) 200-664-3 TMRE (CAS-No.) 115532-52-0 < 0.05	To our knowledge, this product does not presoractice. 2.2. Label elements Labelling according to Regulation (EC) Nor No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information 3.1. Substances Not applicable	sent any particular risk, provided it is handle 5. 1272/2008 [CLP]	d in accordance with	n good occupational hygiene and saf
SECTION 4: First aid measures	to our knowledge, this product does not pre- ractice. 2.2. Label elements abelling according to Regulation (EC) Note to labelling applicable 2.3. Other hazards to additional information available SECTION 3: Composition/information 3.1. Substances to applicable 3.2. Mixtures	sent any particular risk, provided it is handle b. 1272/2008 [CLP] ation on ingredients		Classification according to Regulation (EC) No.
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.1. Description of first aid measures	To our knowledge, this product does not pres ractice. 2.2. Label elements abelling according to Regulation (EC) Note to labelling applicable 2.3. Other hazards to additional information available SECTION 3: Composition/information 5.1. Substances tot applicable 5.2. Mixtures Name DMSO [Sterile Filtered]	sent any particular risk, provided it is handler b. 1272/2008 [CLP] ation on ingredients Product identifier (CAS-No.) 67-68-5 (EC-No.) 200-664-3	<mark>%</mark> ≥= 80	Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified
.1. Description of first aid measures	To our knowledge, this product does not pres ractice. 2.2. Label elements abelling according to Regulation (EC) Note to labelling applicable 2.3. Other hazards to additional information available SECTION 3: Composition/information 5.1. Substances tot applicable 5.2. Mixtures Name DMSO [Sterile Filtered]	sent any particular risk, provided it is handler b. 1272/2008 [CLP] ation on ingredients Product identifier (CAS-No.) 67-68-5 (EC-No.) 200-664-3	<mark>%</mark> ≥= 80	Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified
	To our knowledge, this product does not pres ractice. 2.2. Label elements abelling according to Regulation (EC) Note to labelling applicable 2.3. Other hazards to additional information available SECTION 3: Composition/information 5.1. Substances tot applicable 5.2. Mixtures Name DMSO [Sterile Filtered] TMRE	sent any particular risk, provided it is handler b. 1272/2008 [CLP] ation on ingredients Product identifier (CAS-No.) 67-68-5 (EC-No.) 200-664-3	<mark>%</mark> ≥= 80	Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified
irst-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.	To our knowledge, this product does not presoractice. 2.2. Label elements abelling according to Regulation (EC) Notes the labelling applicable 2.3. Other hazards to additional information available ECTION 3: Composition/information ECTION 4: First aid measures ECTION 4: First aid	sent any particular risk, provided it is handler b. 1272/2008 [CLP] Ation on ingredients Product identifier (CAS-No.) 67-68-5 (EC-No.) 200-664-3 (CAS-No.) 115532-52-0	<mark>%</mark> ≥= 80	Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified
irst-aid measures after eve contact : Rinse eves with water as a precaution.	io our knowledge, this product does not pre- ractice. .2. Label elements abelling according to Regulation (EC) No Io labelling applicable .3. Other hazards Io additional information available SECTION 3: Composition/informa .1. Substances Iot applicable .2. Mixtures Name DMSO [Sterile Filtered] TMRE	sent any particular risk, provided it is handler b. 1272/2008 [CLP] ation on ingredients Product identifier (CAS-No.) 67-68-5 (EC-No.) 200-664-3 (CAS-No.) 115532-52-0 : Remove person to fresh air and : Wash skin with plenty of water.	% >= 80 < 0.05 keep comfortable fc	Classification according Regulation (EC) No. 1272/2008 [CLP] Not classified Not classified

First-aid measures after eye contact First-aid measures after ingestion

- : Rinse eyes with water as a precaution.
- : Call a poison center or a doctor if you feel unwell.

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.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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 substa	
Fire hazard	: Combustible liquid.
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 measure	S
6.1. Personal precautions, protective equipm	ent and emergency procedures
6.1.1. For non-emergency personnel Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking.
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 containment an	nd cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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 an	y 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/personal 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
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
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

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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
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological information 11.1. Information on toxicological effects	
	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
DMSO [Sterile Filtered] (67-68-5)	
LD50 oral rat	28300 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rat	40000 mg/kg bodyweight (Rat, Male / female, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	> 5.33 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation)
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

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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
DMSO [Sterile Filtered] (67-68-5)	
LC50 fish 1	> 25 g/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Experimental value, Lethal)
EC50 Daphnia 1	24.6 g/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Stati system, Fresh water, Experimental value)
EC50 72h algae (1)	17 g/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)
12.2. Persistence and degradability	
DMSO [Sterile Filtered] (67-68-5)	
Persistence and degradability	Not readily biodegradable in water.
12.3. Bioaccumulative potential	
DMSO [Sterile Filtered] (67-68-5)	
BCF fish 1	< 0.4 (Cyprinus carpio, Test duration: 6 weeks)
Log Pow	-1.35 (Experimental value, 20 °C)
Bioaccumulative potential	Not bioaccumulative.
12.4. Mobility in soil	
DMSO [Sterile Filtered] (67-68-5)	
Surface tension	0.0435 N/m (20 °C, 10 g/l)
Log Koc	0.64 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
12.5. Results of PBT and vPvB assessment	
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	: Waste treatment methods.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
JN-No. (RID)	: Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
IMDG Transport bazard class(es) (IMDG)	· Not applicable

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ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	
14.7. Transport in bulk according to Annex	x II of Marpol and the IBC Code
Not applicable	
CECTION 45. Desculators information	

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 Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals. Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

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

Safety Data Sheet applicable for regions

: GB - United Kingdom

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.