

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. # BAQ046

Multiprobe REDOX Assay

Size: 250 Assays





Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/06/2019 Version: 1.1

SECTION 1: Identifie					
1.1. Identification	cation				
in included					
Product form		: Substance			
Substance name		: DCFH-DA probe (20mM)			
Product code		: 206D			
1.2. Recommended	use and restriction	is on use			
No additional information a	available				
1.3. Supplier					
Geno Technology, Inc./ G-	Pieceieneee				
9800 Page Avenue					
Saint Louis, 63132-1429 -					
T 800-628-7730 - F 314-99 technical@GBiosciences.c					
		<u>nces.com</u>			
1.4. Emergency tele	ephone number				
Emergency number		: Chemtrec 1-800-424-9300	(USA/Canada), +1-703-5	5 27-3887 (Ir	ntl)
SECTION 2: Hazard	(s) identification	n			
	of the substance or	mixture			
GHS US classification					
Not classified					
2.2. GHS Label elen	nonte including pre	a sutionary statements			
GHS US labeling	nents, including pre	ecautionary statements			
•					
No labeling applicable					
	which do not result	in classification			
No additional information a					
	e toxicity (GHS US)				
Not applicable					
SECTION 3: Compo	sition/Informati	on on ingredients			
SECTION 3: Compo 3.1. Substances	sition/Informati	on on ingredients			
3.1. Substances			Product identifier	%	GHS US classification
		on on ingredients Common Name (Synonyms)	Product identifier	% 100	GHS US classification
3.1. Substances Name			Product identifier		
3.1. Substances Name DCFH-DA probe (20mM)		Common Name (Synonyms)	Product identifier		
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent)		Common Name (Synonyms)	Product identifier		
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes		Common Name (Synonyms)	Product identifier		
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures	and H-statements :	Common Name (Synonyms)	Product identifier		
Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-air	and H-statements :	Common Name (Synonyms)	Product identifier		
Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-air	and H-statements : : d measures first aid measures	Common Name (Synonyms)		100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-air 4.1. Description of fille	and H-statements : : d measures first aid measures halation	Common Name (Synonyms) see section 16	and keep comfortable for	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in	and H-statements : : d measures first aid measures halation kin contact	Common Name (Synonyms) see section 16 : Remove person to fresh air	and keep comfortable fo	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after set	and H-statements : : d measures first aid measures halation kin contact ye contact	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in First-aid measures after in	and H-statements : : d measures first aid measures halation kin contact ye contact igestion	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor.	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in First-aid measures after in	and H-statements : : d measures first aid measures halation kin contact ye contact gestion t symptoms and effe	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in A.1. Description of f First-aid measures after in First-aid measures after in First-aid measures after in A.2. Most important No additional information at	and H-statements : : d measures first aid measures halation kin contact ye contact gestion t symptoms and effe available	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor. ects (acute and delayed)	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in 4.2. Most important No additional information a 4.3. Immediate med	and H-statements : : d measures first aid measures halation kin contact ye contact gestion t symptoms and effe available	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor.	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in A.1. Description of f First-aid measures after in First-aid measures after in First-aid measures after in A.2. Most important No additional information at	and H-statements : : d measures first aid measures halation kin contact ye contact gestion t symptoms and effe available	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor. ects (acute and delayed)	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in 4.2. Most important No additional information a 4.3. Immediate med	and H-statements : : d measures first aid measures halation kin contact ye contact ye contact ugestion t symptoms and effe available lical attention and s	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor. ects (acute and delayed) special treatment, if necessary	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-ait 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in 4.2. Most important No additional information a 4.3. Immediate med Treat symptomatically. SECTION 5: Fire-fig	and H-statements : : d measures first aid measures halation kin contact ye contact ye contact ugestion t symptoms and effe available lical attention and s	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor. ects (acute and delayed) special treatment, if necessary	and keep comfortable fo ater. precaution.	100	Not classified
3.1. Substances Name DCFH-DA probe (20mM) (Main constituent) Full text of hazard classes 3.2. Mixtures Not applicable SECTION 4: First-aid 4.1. Description of f First-aid measures after in First-aid measures after ey First-aid measures after in 4.2. Most important No additional information a 4.3. Immediate med Treat symptomatically. SECTION 5: Fire-fig	and H-statements : : d measures first aid measures halation kin contact ye contact gestion t symptoms and effe available lical attention and s hting measures insuitable) extinguis	Common Name (Synonyms) see section 16 : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor. ects (acute and delayed) special treatment, if necessary	and keep comfortable fo ater. precaution. /physician if you feel unw	100	Not classified

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

according to Federal Register / Vol. 77, No. 58 / Mono	
5.2. Specific hazards arising from the	chemical
No additional information available	
5.3. Special protective equipment and	d precautions for fire-fighters
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
6.1. Personal precautions, protective	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 contain	
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, inclu	uding any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
SECTION 8: Exposure controls/pe	rsonal protection
8.1. Control parameters	
DCFH-DA probe (20mM)	
No additional information available	
8.2. Appropriate engineering controls	
Appropriate engineering controls Environmental exposure controls	: Ensure good ventilation of the work station. : Avoid release to the environment.
8.3. Individual protection measures/P	Personal protective equipment
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suital	bie respiratory equipment

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemica	l properties	
9.1. Information on basic physical and	d chemical properties	
Physical state	: Liquid	
Color	: No data available	
Odor	: No data available	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: Not applicable	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flammability (solid, gas)	: Not applicable.	
Vapor pressure	: No data available	
Relative vapor density at 20 °C	: No data available	
Relative density	: No data available	
Solubility	: No data available	
Log Pow	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosion limits	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
0.0 Other information		

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity	ity	
10.1. Reactivity		
The product is non-reactive under normal cor	ditions of use, storage and transport.	
10.2. Chemical stability		
Stable under normal conditions.		
10.3. Possibility of hazardous reaction	S	
No dangerous reactions known under normal	conditions of use.	
10.4. Conditions to avoid		
None under recommended storage and hand	ling conditions (see section 7).	
10.5. Incompatible materials		
No additional information available		
10.6. Hazardous decomposition produ	cts	
Hazardous decomposition products.		
SECTION 11: Toxicological inform	nation	
11.1. Information on toxicological effe	cts	
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 sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	

Safety Data Sheet

SECTION 42. Ecologia

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

. .

	-
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available

SECT	ION 12: Ecological Information	
12.1.	Toxicity	
Ecology	- general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
12.2.	Persistence and degradability	
No addi	tional information available	
12.3.	Bioaccumulative potential	
No addi	tional information available	
12.4.	Mobility in soil	
No addi	tional information available	
12.5.	Other adverse effects	
No addi	tional information available	

SECTION 13: Disposal consider	ations
13.1. Disposal methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport informa	tion
Department of Transportation (DOT) In accordance with DOT	
Not applicable	
Transportation of Dangerous Goods	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
SECTION 15: Regulatory inform	ation
15.1. US Federal regulations	

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS US (GHS HazCom 2012)

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 Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/06/2019 Version: 1.1

OFOT					
	ION 1: Identification				
1.1.					
Product		: Substance			
	nce name	: DHE probe (5mM) 1000x			
Product	code	: 207D			
1.2.	Recommended use and restricti	ons on use			
No add	tional information available				
1.3.	Supplier				
9800 P Saint L T 800-6	echnology, Inc./ G-Biosciences age Avenue ouis, 63132-1429 - United States i28-7730 - F 314-991-1504 al@GBiosciences.com - <u>www.GBiosc</u>	<u>iences.com</u>			
1.4.	Emergency telephone number				
Emerge	ency number	: Chemtrec 1-800-424-9300	(USA/Canada), +1-703-	527-3887 (Intl)
SECT	ION 2: Hazard(s) identificati	on			
2.1.	Classification of the substance of				
GHS U	S classification				
Not clas					
2.2.	GHS Label elements, including	precautionary statements			
	S labeling				
No labe	ling applicable				
2.3.	Other hazards which do not resu	ult in classification			
No add	tional information available				
2.4.	Unknown acute toxicity (GHS US	5)			
Not app	licable				
SECT	ION 3: Composition/Informa	tion on ingredients			
3.1.	Substances				
Name		Common Name (Synonyms)	Product identifier	%	GHS US classification
DHE p	robe (5mM) 1000x			100	Not classified
(Main c	onstituent)				
Full tex	t of hazard classes and H-statements	: see section 16			
3.2.	Mixtures				
Not app					
SECT	ION 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 f	or breathin	g.
First-aid	measures after skin contact	: Wash skin with plenty of wa	ater.		
First-aid	First-aid measures after eye contact : Rinse eyes with water as a precaution.				
First-aid	measures after ingestion	: Call a poison center/doctor/	/physician if you feel unv	vell.	
4.2. No add	Most important symptoms and e tional information available	ffects (acute and delayed)			
4.3.	Immediate medical attention and	special treatment. if necessary			
	/mptomatically.	, reacting in needed y			
SECT	ION 5: Fire-fighting measure	es			
5.1.	Suitable (and unsuitable) exting				
Suitable	e extinguishing media	: Water spray. Dry powder. F	oam. Carbon dioxide.		

DHE probe (5mM) 1000x Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.2. Specific hazards arising from	
5.2. Specific hazards arising from No additional information available	ine chemical
	and precautions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release	measures
6.1. Personal precautions, protecti	ive 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 precautionsAvoid release to the environment.	
6.3. Methods and material for cont	ainment and cleaning up
Methods for cleaning up Other information	Take up liquid spill into absorbent material.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 stora	ge
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, in	cluding any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
SECTION 8: Exposure controls/	personal protection
8.1. Control parameters	
DHE probe (5mM) 1000x	
No additional information available	
8.2. Appropriate engineering contr	rols
Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.
8.3. Individual protection measure	s/Personal protective equipment
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear su	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and	chemical properties	
Physical state	: Liquid	
Color	: No data available	
Odor	: No data available	
Odor threshold	: No data available	
pH	: No data available	
Melting point	: Not applicable	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flammability (solid, gas)	: Not applicable.	
Vapor pressure	: No data available	
Relative vapor density at 20 °C	: No data available	
Relative density	: No data available	
Solubility	: No data available	
Log Pow	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosion limits	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
0.0 Others information		

9.2. Other information

No additional information available

SECTION 10: Stability and reactiv	ity	
10.1. Reactivity		
The product is non-reactive under normal cor	nditions of use, storage and transport.	
10.2. Chemical stability		
Stable under normal conditions.		
10.3. Possibility of hazardous reaction	15	
No dangerous reactions known under normal	I conditions of use.	
10.4. Conditions to avoid		
None under recommended storage and hand	Iling conditions (see section 7).	
10.5. Incompatible materials		
No additional information available		
10.6. Hazardous decomposition produ	icts	
Hazardous decomposition products.		
SECTION 11: Toxicological inform	nation	
11.1. Information on toxicological effe	octs	
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 sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

	-
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available

SECT	ON 12: Ecological information	
12.1.	Toxicity	
Ecology	- general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
12.2.	Persistence and degradability	
No addi	tional information available	
12.3.	Bioaccumulative potential	
No addi	tional information available	
12.4.	Mobility in soil	
No addi	tional information available	
12.5.	Other adverse effects	
No addi	tional information available	

SECTION 13: Disposal consid	rations
13.1. Disposal methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport inform	ation
Department of Transportation (DOT) In accordance with DOT	
Not applicable	
Transportation of Dangerous Goods	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS US (GHS HazCom 2012)

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 Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/06/2019 Version: 1.1

SECTION 1: Identification				
1.1. Identification				
Product form	: Substance			
Substance name	: DHR 123 probe (5mM) 100	0x		
Product code	: 208D	-		
1.2. Recommended use and restricti				
1.2. Recommended use and restricti No additional information available	ons on use			
1.3. Supplier				
Geno Technology, Inc./ G-Biosciences				
9800 Page Avenue Saint Louis, 63132-1429 - United States				
T 800-628-7730 - F 314-991-1504				
technical@GBiosciences.com - www.GBiosc	ciences.com			
1.4. Emergency telephone number				
Emergency number	: Chemtrec 1-800-424-9300	(USA/Canada), +1-703-5	27-3887 (In	tl)
SECTION 2: Hazard(s) identificati	on			
2.1. Classification of the substance of	or mixture			
GHS US classification				
Not classified				
2.2. GHS Label elements, including	precautionary statements			
GHS US labeling				
No labeling applicable				
2.3. Other hazards which do not resu	ult in classification			
No additional information available				
2.4. Unknown acute toxicity (GHS US	S)			
Not applicable				
SECTION 3: Composition/Informa	ation on ingredients			
3.1. Substances				
3.1. Substances	1	Product identifier	%	GHS US classification
	Common Name (Synonyms)	Product identifier	% 100	GHS US classification Not classified
3.1. Substances Name	1	Product identifier		
3.1. Substances Name DHR 123 probe (5mM) 1000x	Common Name (Synonyms)	Product identifier		
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures	Common Name (Synonyms)	Product identifier		
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements	Common Name (Synonyms)	Product identifier		
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures	Common Name (Synonyms)	Product identifier		
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable	Common Name (Synonyms)	Product identifier		
Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures	Common Name (Synonyms)		100	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures	Common Name (Synonyms) s : see section 16 s	and keep comfortable for	100	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air	and keep comfortable for ater.	100	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after skin contact	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wash	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and explored to additional information available	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor effects (acute and delayed)	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and explored to additional information available	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and explicit on available 4.3. Immediate medical attention and Treat symptomatically.	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor effects (acute and delayed) d special treatment, if necessary	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and explored the medical attention and the medical attention and the medical attention and the medical attention and the symptomatically. SECTION 5: Fire-fighting measures	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor effects (acute and delayed) d special treatment, if necessary es	and keep comfortable fo ater. precaution.	100 r breathing.	Not classified
3.1. Substances Name DHR 123 probe (5mM) 1000x (Main constituent) Full text of hazard classes and H-statements 3.2. Mixtures Not applicable SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and explicit on available 4.3. Immediate medical attention and Treat symptomatically.	Common Name (Synonyms) s : see section 16 s : Remove person to fresh air : Wash skin with plenty of wa : Rinse eyes with water as a : Call a poison center/doctor effects (acute and delayed) d special treatment, if necessary es	and keep comfortable fo ater. precaution. /physician if you feel unw	100 r breathing.	Not classified

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

ccording to Federal Register / Vol. 77, No. 58 / Monda	·
5.2. Specific hazards arising from the of No additional information available	;hemical
5.3. Special protective equipment and Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing
Frotection during menghting	apparatus. Complete protective clothing.
SECTION 6: Accidental release mea	
6.1. 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 containn	
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, includ	
Storage conditions	: Store in a well-ventilated place. Keep cool.
SECTION 8: Exposure controls/per	sonal protection
8.1. Control parameters	
DHR 123 probe (5mM) 1000x	
No additional information available	
8.2. Appropriate engineering controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.
8.3. Individual protection measures/Pe	rsonal protective equipment
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suitabl	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemica	l properties
9.1. Information on basic physical and	d chemical properties
Physical state	: Liquid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivi	ty		
10.1. Reactivity			
The product is non-reactive under normal con	ditions of use, storage and transport.		
10.2. Chemical stability			
Stable under normal conditions.			
10.3. Possibility of hazardous reaction	S		
No dangerous reactions known under normal	conditions of use.		
10.4. Conditions to avoid			
None under recommended storage and handl	ing conditions (see section 7).		
10.5. Incompatible materials			
No additional information available			
10.6. Hazardous decomposition produce	cts		
Hazardous decomposition products.			
SECTION 11: Toxicological inform	ation		
11.1. Information on toxicological effect	cts		
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 sensitization	: Not classified		
Germ cell mutagenicity	: Not classified		

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity - single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available

SECT	ON 12: Ecological information	
12.1.	Toxicity	
Ecology	- general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
12.2.	Persistence and degradability	
No addi	tional information available	
12.3.	Bioaccumulative potential	
No addi	tional information available	
12.4.	Mobility in soil	
No addi	tional information available	
12.5.	Other adverse effects	
No addi	tional information available	

SECTION 42: Dispassion consider	
SECTION 13: Disposal conside 13.1. Disposal methods	rations
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport inform	ation
Department of Transportation (DOT)	
In accordance with DOT	
Not applicable	
Transportation of Dangerous Goods	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
SECTION 15: Regulatory inforr	nation
15.1. US Federal regulations	
No additional information available	

15.2. International regulations

CANADA

EU-Regulations

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS US (GHS HazCom 2012)

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.