

ENCES 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. # BAQ078

# SOD Activity Assay

Size: 200 tests (96 well format)





Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 05/29/2019 Version: 1.1

SECTION 1: Identification	
1.1. Identification	
Product form : Mixtur	2
Product name : SOD F	Reagent A
Product code : 802S	-
1.2. Recommended use and restrictions on use	
No additional information available	
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.GBiosciences.com	
1.4. Emergency telephone number	
Emergency number : Chemi	rec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance 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 result in classific	ation
No additional information available	
2.4. Unknown acute toxicity (GHS US)	
Not applicable	
<b>SECTION 3: Composition/Information on ing</b>	redients
3.1. Substances	
Not applicable	
3.2. Mixtures	
This mixture does not contain any substances to be mentic	ned according to the criteria of section 3.2 of HazCom 2012
SECTION 4: First-aid measures	
4.1. Description of first aid measures	
	ve person to fresh air and keep comfortable for breathing.
	skin with plenty of water.
	eyes with water as a precaution.
-	poison center/doctor/physician if you feel unwell.
4.2. Most important symptoms and effects (acute	and delayed)
No additional information available	
4.3. Immediate medical attention and special treat	ment, if necessary
Treat symptomatically.	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing media	
	spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the chemical No additional information available	
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5.3. Special protective equipment 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.	
<b>SECTION 6: Accidental r</b>	elease measures	
6.1. Personal precautions	, protective equipment and emergency procedures	
6.1.1. For non-emergency p	ersonnel	
Emergency procedures	: Ventilate spillage area.	
6.1.2. For emergency respo	nders	
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 preca	utions	
Avoid release to the environment		
6.3. Methods and materia	I for containment 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 se	ctions	
For further information refer to se	ction 13.	
<b>SECTION 7: Handling an</b>	d storage	
7.1. Precautions for safe	nandling	
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.	
	torage, including any incompatibilities	
Storage conditions	: Store in a well-ventilated place. Keep cool.	
-		
SECTION 8: Exposure co	ntrols/personal protection	
SECTION 8: Exposure co 8.1. Control parameters	ontrols/personal protection	
	ontrols/personal protection	
8.1. Control parameters		
8.1. Control parameters SOD Reagent A		
8.1. Control parameters SOD Reagent A	ble	
8.1. Control parameters SOD Reagent A No additional information availa	ble	
8.1.       Control parameters         SOD Reagent A       No additional information availa         8.2.       Appropriate engineer	ing controls  : Ensure good ventilation of the work station.	
<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A         <ul> <li>No additional information availa</li> </ul> </li> <li>8.2. Appropriate engineering controls         <ul> <li>Environmental exposure controls</li> </ul> </li> </ul>	ing controls  : Ensure good ventilation of the work station.	
<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A         <ul> <li>No additional information availa</li> </ul> </li> <li>8.2. Appropriate engineering controls         <ul> <li>Environmental exposure controls</li> </ul> </li> </ul>	ing controls : Ensure good ventilation of the work station. : Avoid release to the environment.	
8.1.       Control parameters         SOD Reagent A       No additional information availation availa	ing controls : Ensure good ventilation of the work station. : Avoid release to the environment.	
<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A No additional information availa </li> <li>8.2. Appropriate engineer Appropriate engineering controls Environmental exposure controls 8.3. Individual protection Hand protection:</li></ul>	ing controls : Ensure good ventilation of the work station. : Avoid release to the environment.	
<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A No additional information availa </li> <li>8.2. Appropriate engineer Appropriate engineering controls Environmental exposure controls 8.3. Individual protection Hand protection: Protective gloves Eye protection:</li></ul>	ing controls : Ensure good ventilation of the work station. : Avoid release to the environment.	
<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A         <ul> <li>No additional information available</li> </ul> </li> <li>8.2. Appropriate engineering controls</li> <li>8.3. Individual protection</li> <li>Hand protection:         <ul> <li>Protective gloves</li> <li>Eye protection:</li> <li>Safety glasses</li> </ul> </li> </ul>	ing controls : Ensure good ventilation of the work station. : Avoid release to the environment.	
<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A No additional information availa</li> <li>8.2. Appropriate engineer Appropriate engineering controls Environmental exposure controls</li> <li>8.3. Individual protection Hand protection: Protective gloves</li> <li>Eye protection: Safety glasses</li> <li>Skin and body protection:</li> </ul>	ing controls   : Ensure good ventilation of the work station.  : Avoid release to the environment.  measures/Personal protective equipment	
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<ul> <li>8.1. Control parameters</li> <li>SOD Reagent A No additional information availa</li> <li>8.2. Appropriate engineer Appropriate engineering controls</li> <li>Environmental exposure controls</li> <li>8.3. Individual protection</li> <li>Hand protection: Protective gloves</li> <li>Eye protection: Safety glasses</li> <li>Skin and body protection: Wear suitable protective clothin</li> <li>Respiratory protection: In case of insufficient ventilation</li> <li>SECTION 9: Physical and</li> </ul>	ble ing controls I Ensure good ventilation of the work station. Avoid release to the environment. measures/Personal protective equipment g h, wear suitable respiratory equipment c chemical properties	

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	-
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

SECTI	ON 10: Stability and reactivity		
10.1.	Reactivity		
The pro	duct is non-reactive under normal condition	ons of use, storage and transport.	
10.2.	Chemical stability		
Stable u	nder normal conditions.		
10.3.	Possibility of hazardous reactions		
No dang	No dangerous reactions known under normal conditions of use.		
10.4.	Conditions to avoid		
None ur	None under recommended storage and handling conditions (see section 7).		
10.5.	10.5. Incompatible materials		
No addit	ional information available		
10.6.	Hazardous decomposition products		
Hazardo	us decomposition products.		
SECTI	ON 11: Toxicological informati	ion	
11.1.	Information on toxicological effects		
Acute to	xicity (oral)	: Not classified	
Acute to	xicity (dermal)	: Not classified	
Acute to	xicity (inhalation)	: Not classified	
Skin cor	rosion/irritation	: Not classified	
Serious	eye damage/irritation	: Not classified	
Respirat	ory or skin sensitization	: Not classified	
Germ ce	Il mutagenicity	: Not classified	
Carcino	genicity	: Not classified	
Reprodu	ctive toxicity	: Not classified	

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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	r - 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 additional information available

SECTION 13: Disposal consideration 13.1. Disposal methods	S
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
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 information	
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	

**EU-Regulations** 

National regulations No additional information available

15.3. US State regulations

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#### **SECTION 16: Other information**

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#### 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.



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SECTION 1: Identification	
1.1. Identification	
	: Mixture
Product name	SOD Reagent B
Product code	: 803S
1.2. Recommended use and restrictions o	nuse
No additional information available	
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.GBiosciences	<u>s.com</u>
1.4. Emergency telephone number	
Emergency number	: Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mix	ture
GHS US classification	
Acute toxicity (oral) Category 4 H302 Harmful if	f swallowed
Full text of H statements : see section 16	
2.2 CUC Label elements including process	
2.2. GHS Label elements, including precat	utionary statements
GHS US labeling Hazard pictograms (GHS US)	
Signal word (GHS US)	: Warning
Hazard statements (GHS US)	: H302 - Harmful if swallowed
Precautionary statements (GHS US)	<ul> <li>P264 - Wash hands, forearms and face thoroughly after handling.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> <li>P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell</li> <li>P330 - Rinse mouth.</li> <li>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation</li> </ul>
2.3. Other hazards which do not result in a	classification
No additional information available	
2.4. Unknown acute toxicity (GHS US)	
Not applicable	
<b>SECTION 3: Composition/Information</b>	on ingredients
3.1. Substances	
Not applicable	
3.2. Mixtures	
This mixture does not contain any substances to b	e mentioned according to the criteria of section 3.2 of HazCom 2012
SECTION 4: First-aid measures	
4.1. Description of first aid measures	
	: Call a poison center/doctor/physician if you feel unwell.
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.

# SOD Reagent B Safety Data Sheet

First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Call a poison center/doctor/physician if you feel unwell.
<b>1.2.</b> Most important symptoms and e	effects (acute and delayed)
No additional information available	
	d special treatment, if necessary
Freat symptomatically.	
SECTION 5: Fire-fighting measur	es
5.1. Suitable (and unsuitable) exting	5
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from th	e chemical
No additional information available	
5.3. Special protective equipment ar	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release m	ieasures
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 contai	nment 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.
5.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storag	e
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, inc	luding any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
SECTION 8: Exposure controls/p	ersonal protection
3.1. Control parameters	
SOD Reagent B	
No additional information available	
3.2. Appropriate engineering contro	Is
Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.
3.3. Individual protection measures/	Personal protective equipment
Hand protection:	
Protective gloves	

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#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical 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	tv	

#### 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.

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SECTION 11: Toxicological informat	ion
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
ATE US (oral)	500 mg/kg body weight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
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

SECH	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 additi	onal information available	
12.3.	Bioaccumulative potential	
No additi	onal information available	
12.4.	Mobility in soil	
No additi	ional information available	
12.5.	Other adverse effects	
No additi	onal information available	

<b>SECTION 13: Disposal consideratio</b>	ns	
13.1. Disposal methods		
Waste treatment methods	: Waste treatment methods.	
<b>SECTION 14: Transport information</b>		
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		
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SECTION 4	E. Dogulator	, information
SECTION	5: Regulator	y information

#### 15.1. US Federal regulations

No additional information available

15.2. International regulations

#### CANADA

**EU-Regulations** 

National regulations No additional information available

15.3. US State regulations

#### **SECTION 16: Other information**

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#### Full text of H-phrases:

H302

Harmful if swallowed

#### 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.



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SECTION 1: Identification		
1.1. Identification		
Product form :	Mixture	
Product name :	SOD Reagent C	
Product code :	: 804S	
1.2. Recommended use and restrictions o	n use	
No additional information available		
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.GBiosciences	s.com	
1.4. Emergency telephone number		
Emergency number :	Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)	
SECTION 2: Hazard(s) identification		
2.1. Classification of the substance or mix	ture	
GHS US classification		
Not classified		
2.2. GHS Label elements, including precau	utionary statements	
GHS US labeling		
No labeling applicable		
2.3. Other hazards which do not result in c	classification	
No additional information available		
2.4. Unknown acute toxicity (GHS US) Not applicable		
	on in modiante	
SECTION 3: Composition/Information	on ingredients	
3.1. Substances Not applicable		
3.2. Mixtures		
5.2. MIXI00		
This mixture does not contain any substances to be	e mentioned according to the criteria of section 3.2 of HazCom 2012	
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/doctor/physician if you feel unwell.	
4.2. Most important symptoms and effects	acute and delayed)	
No additional information available		
4.3. Immediate medical attention and spec	ial treatment, if necessary	
Treat symptomatically.		
SECTION 5: Fire-fighting measures		
5.1. Suitable (and unsuitable) extinguishin	ng media	
	Water spray. Dry powder. Foam. Carbon dioxide.	
5.2. Specific hazards arising from the cher	mical	
No additional information available		
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5.3.	.3. Special protective equipment and precautions for fire-fighters			
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	ures la constant de l		
6.1.	Personal precautions, protective equi	ipment and emergency procedures		
6.1.1.	For non-emergency personnel			
Emerger		: 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. Avoid re	Environmental precautions lease to the environment.			
6.3.	Methods and material for containmen	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			
Precauti	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	any incompatibilities		
Storage	conditions	: Store in a well-ventilated place. Keep cool.		
Otorago				
	ON 8: Exposure controls/perso	nal protection		
	ON 8: Exposure controls/perso Control parameters	nal protection		
<b>SECTI</b> 8.1.		nal protection		
SECTI 8.1. SOD R	Control parameters	nal protection		
SECTI 8.1. SOD R	Control parameters eagent C	nal protection		
SECTI 8.1. SOD R No add	Control parameters eagent C litional information available Appropriate engineering controls	nal protection : Ensure good ventilation of the work station.		
SECTI 8.1. SOD R No add 8.2. Appropri	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls			
SECTI 8.1. SOD R No add 8.2. Appropri	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3.	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand g Protect	Control parameters eagent C litional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection:	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves otection:	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety Skin a	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves otection: glasses	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety Skin at Wear s	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves otection: glasses nd body protection:	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety Skin at Wear s Respir	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves otection: glasses nd body protection: uitable protective clothing	Ensure good ventilation of the work station.     Avoid release to the environment.  nal protective equipment		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety Skin ai Wear s Respir In case	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves otection: glasses nd body protection: uitable protective clothing atory protection:	Ensure good ventilation of the work station. Avoid release to the environment.  Inal protective equipment  espiratory equipment		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety Skin ai Wear s Respir In case	Control parameters eagent C itional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: itive gloves otection: glasses nd body protection: uitable protective clothing atory protection: e of insufficient ventilation, wear suitable references	Ensure good ventilation of the work station. Avoid release to the environment.  Inal protective equipment  espiratory equipment  operties		
SECTI 8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pr Safety Skin at Wear s Respir In case	Control parameters eagent C litional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Perso protection: ive gloves otection: glasses nd body protection: uitable protective clothing atory protection: e of insufficient ventilation, wear suitable re ON 9: Physical and chemical pr Information on basic physical and ch	Ensure good ventilation of the work station. Avoid release to the environment.  Inal protective equipment  espiratory equipment  operties		

### Safety Data Sheet

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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 reactivity	
10.1. Reactivity	
The product is non-reactive under normal condition	ons 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 cor	nditions 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.	
<b>SECTION 11: Toxicological informati</b>	ion
11.1. Information on toxicological 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 sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

### Safety Data Sheet

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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	r - 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 additional information available

SECTION 13: Disposal consideration 13.1. Disposal methods	S
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
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 information	
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	

**EU-Regulations** 

National regulations No additional information available Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and 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: 05/29/2019 Version: 1.1

SECTION 1: Identification	
.1. Identification	
roduct form : Mixture	
Product name : SOD Reagent D	
roduct code : 805S	
.2. Recommended use and restrictions on use	
lo additional information available	
.3. Supplier	
Geno Technology, Inc./ G-Biosciences 800 Page Avenue	
aint Louis, 63132-1429 - United States	
<sup>°</sup> 800-628-7730 - F 314-991-1504 echnical@GBiosciences.com - <u>www.GBiosciences.com</u>	
.4. Emergency telephone number	
mergency number : Chemtrec <b>1-800-424-9300</b> (USA/Canada), <b>+1-703-527-3887</b> (Intl)	
SECTION 2: Hazard(s) identification	
.1. Classification of the substance or mixture	
HS US classification	
lot classified	
.2. GHS Label elements, including precautionary statements	
GHS US labeling	
lo labeling applicable	
.3. Other hazards which do not result in classification	
lo additional information available	
.4. Unknown acute toxicity (GHS US)	
lot applicable	
SECTION 3: Composition/Information on ingredients	
.1. Substances	
lot applicable	
.2. Mixtures	
his mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012	
SECTION 4: First-aid measures	
.1. Description of first aid measures irst-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.	
irst-aid measures after skin contact : Wash skin with plenty of water.	
irst-aid measures after eye contact : Rinse eyes with water as a precaution.	
irst-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.	
.2. Most important symptoms and effects (acute and delayed)	
lo additional information available	
.3. Immediate medical attention and special treatment, if necessary	
reat symptomatically.	
SECTION 5: Fire-fighting measures	
.1. Suitable (and unsuitable) extinguishing media	
uitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.	
.2. Specific hazards arising from the chemical	
lo additional information available	
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5.3.	. Special protective equipment and precautions for fire-fighters			
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 equipment and emergency procedures			
6.1.1.	For non-emergency personnel			
Emerger	ncy 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	•		
	• •	Take up liquid spill into absorbent material.		
Other inf		Dispose of materials or solid residues at an authorized site.		
6.4.	Reference to other sections			
	er information refer to section 13.			
SECTI	ON 7: Handling and storage			
7.1.	Precautions for safe handling			
	-	Ensure good ventilation of the work station. Wear personal protective equipment.		
	measures :	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.		
<b>7.2</b> .	Conditions for safe storage, including			
Storage	conditions :	Store in a well-ventilated place. Keep cool.		
SECTI	ON 8: Exposure controls/persor	nal protection		
<b>SECTI</b> 8.1.	ON 8: Exposure controls/person Control parameters	nal protection		
8.1.		nal protection		
8.1. SOD R	Control parameters	nal protection		
8.1. SOD R	Control parameters eagent D	nal protection		
8.1. SOD R	Control parameters eagent D	nal protection		
8.1. SOD R No add 8.2. Appropri	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls	Ensure good ventilation of the work station.		
8.1. SOD R No add 8.2. Appropri	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls			
8.1. SOD R No add 8.2. Appropri	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls	Ensure good ventilation of the work station. Avoid release to the environment.		
8.1. SOD R No add 8.2. Appropri Environn 8.3.	Control parameters         eagent D         litional information available         Appropriate engineering controls         ate engineering controls         ate engineering controls         inental exposure controls	Ensure good ventilation of the work station. Avoid release to the environment.		
8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p	Control parameters         eagent D         litional information available         Appropriate engineering controls         ate engineering controls         ate engineering controls         inental exposure controls         Individual protection measures/Person	Ensure good ventilation of the work station. Avoid release to the environment.		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropriation</li> <li>8.3.</li> <li>Hand g Protect</li> </ul>	Control parameters         eagent D         litional information available         Appropriate engineering controls         ate engineering controls         inental exposure controls         Individual protection measures/Person         protection:	Ensure good ventilation of the work station. Avoid release to the environment.		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropri Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye pro</li> </ul>	Control parameters eagent D litional information available Appropriate engineering controls ate engineering controls nental exposure controls Individual protection measures/Person protection: ive gloves otection:	Ensure good ventilation of the work station. Avoid release to the environment.		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropriation</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye protect</li> <li>Safety</li> </ul>	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Perso protection: tive gloves otection: glasses	Ensure good ventilation of the work station. Avoid release to the environment.		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropri Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye pro Safety</li> <li>Skin at</li> </ul>	Control parameters eagent D litional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Person protection: live gloves otection: glasses hd body protection:	Ensure good ventilation of the work station. Avoid release to the environment.		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropriation</li> <li>Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye protect</li> <li>Safety</li> <li>Skin at Wear s</li> </ul>	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Perso protection: tive gloves otection: glasses ad body protection: uitable protective clothing	Ensure good ventilation of the work station. Avoid release to the environment.		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropri Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye pro Safety</li> <li>Skin at Wear s</li> <li>Respir</li> </ul>	Control parameters eagent D litional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Person protection: live gloves otection: glasses and body protection: uitable protective clothing atory protection:	Ensure good ventilation of the work station. Avoid release to the environment. nal protective equipment		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropri Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye pro Safety</li> <li>Skin at Wear s</li> <li>Respir</li> </ul>	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Perso protection: tive gloves otection: glasses ad body protection: uitable protective clothing	Ensure good ventilation of the work station. Avoid release to the environment. nal protective equipment		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropri Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye pro Safety</li> <li>Skin at Wear s</li> <li>Respir In case</li> </ul>	Control parameters eagent D litional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Person protection: live gloves otection: glasses and body protection: uitable protective clothing atory protection:	Ensure good ventilation of the work station. Avoid release to the environment. nal protective equipment		
<ul> <li>8.1.</li> <li>SOD R No add</li> <li>8.2.</li> <li>Appropri Environn</li> <li>8.3.</li> <li>Hand p Protect</li> <li>Eye pro Safety</li> <li>Skin at Wear s</li> <li>Respir In case</li> </ul>	Control parameters eagent D itional information available Appropriate engineering controls ate engineering controls ate engineering controls thental exposure controls Individual protection measures/Perso protection: itive gloves otection: glasses ind body protection: uitable protective clothing atory protection: e of insufficient ventilation, wear suitable references	Ensure good ventilation of the work station. Avoid release to the environment. nal protective equipment spiratory equipment		
8.1. SOD R No add 8.2. Appropri Environn 8.3. Hand p Protect Eye pro Safety Skin at Wear s Respir In case	Control parameters eagent D litional information available Appropriate engineering controls ate engineering controls thental exposure controls Individual protection measures/Person protection: ive gloves otection: glasses nd body protection: uitable protective clothing atory protection: of insufficient ventilation, wear suitable re ON 9: Physical and chemical pr Information on basic physical and chemical pr	Ensure good ventilation of the work station. Avoid release to the environment. nal protective equipment spiratory equipment		

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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 reactive	/ity
10.1. Reactivity	
The product is non-reactive under normal co	inditions of use, storage and transport.
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reaction	ns
No dangerous reactions known under norma	al conditions of use.
10.4. Conditions to avoid	
None under recommended storage and hand	dling conditions (see section 7).
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition prod	ucts
Hazardous decomposition products.	
<b>SECTION 11: Toxicological inform</b>	nation
11.1. Information on toxicological effe	ects
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
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

### Safety Data Sheet

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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 additional information available

SECTION 13: Disposal consideration	ns
13.1. Disposal methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
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 information	n
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	
CANADA	

**EU-Regulations** 

National regulations No additional information available Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and 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: 05/29/2019 Version: 1.1

SECTION 1: Identification
1.1. Identification
Product form : Mixture
Product name : SOD Standard (3U/mL)
Product code : 806S
1.2. Recommended use and restrictions on use
No additional information available
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.GBiosciences.com
1.4. Emergency telephone number
Emergency number : Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazard(s) identification
2.1. Classification of the substance 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 result in classification
No additional information available
2.4. Unknown acute toxicity (GHS US)
Not applicable
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 HazCom 2012
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/doctor/physician if you feel unwell.
4.2. Most important symptoms and effects (acute and delayed)
No additional information available
4.3. Immediate medical attention and special treatment, if necessary
Treat symptomatically.
SECTION 5: Fire-fighting measures
5.1. Suitable (and unsuitable) extinguishing media
Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the chemical
No additional information available

Safety Data Sheet

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	cautions 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 measure	ires
6.1. Personal precautions, protective equi	pment and emergency procedures
6.1.1. For non-emergency personnel	
	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 containment	t 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	
-	Ensure good ventilation of the work station. Wear personal protective equipment.
	<ul> <li>Do not eat, drink or smoke when using this product. Always wash hands after handling the product.</li> </ul>
7.2. Conditions for safe storage, including	
Storage conditions	Store in a well-ventilated place. Keep cool.
SECTION 8: Exposure controls/persor	nal protection
8.1. Control parameters	
SOD Standard (3U/mL)	
SOD Standard (3U/mL) No additional information available	
No additional information available           8.2.         Appropriate engineering controls	Ensure good ventilation of the work station.
No additional information available           8.2.         Appropriate engineering controls           Appropriate engineering controls         The second	<ul> <li>Ensure good ventilation of the work station.</li> <li>Avoid release to the environment.</li> </ul>
No additional information available           8.2.         Appropriate engineering controls           Appropriate engineering controls         Appropriate engineering controls	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       Environmental exposure controls         8.3.       Individual protection measures/Perso	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       and protection measures/Perso         B.3.       Individual protection measures/Perso         Hand protection:       and protection	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       and protection         B.3.       Individual protection measures/Perso         Hand protection:       Protective gloves	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       and protection measures/Perso         B.3.       Individual protection measures/Perso         Hand protection:       and protection	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       and protection         B.3.       Individual protection measures/Perso         Hand protection:       Protective gloves	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       a         Environmental exposure controls       a         8.3.       Individual protection measures/Perso         Hand protection:       Protective gloves         Eye protection:       a	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       Environmental exposure controls         8.3.       Individual protection measures/Perso         Hand protection:       Protective gloves         Eye protection:       Safety glasses	Avoid release to the environment.
No additional information available  8.2. Appropriate engineering controls Appropriate engineering controls Environmental exposure controls  8.3. Individual protection measures/Perso Hand protection: Protective gloves Eye protection: Safety glasses Skin and body protection: Wear suitable protective clothing	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       Environmental exposure controls         8.3.       Individual protection measures/Perso         Hand protection:       Protective gloves         Eye protection:       Safety glasses         Skin and body protection:       Skin and body protection:	Avoid release to the environment.
No additional information available  8.2. Appropriate engineering controls Appropriate engineering controls Environmental exposure controls  8.3. Individual protection measures/Perso 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 respirate to the second	Avoid release to the environment.
No additional information available         8.2.       Appropriate engineering controls         Appropriate engineering controls       Environmental exposure controls         8.3.       Individual protection measures/Perso         Hand protection:       Protective gloves         Eye protection:       Safety glasses         Skin and body protection:       Wear suitable protection:         Wear suitable protection:       In case of insufficient ventilation, wear suitable reference         SECTION 9: Physical and chemical pr	Avoid release to the environment. nal protective equipment espiratory equipment operties
No additional information available  8.2. Appropriate engineering controls Appropriate engineering controls Environmental exposure controls  8.3. Individual protection measures/Perso 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 respirate to the second	Avoid release to the environment. nal protective equipment espiratory equipment operties

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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

#### 9.2. Other information

No additional information available

SECTION 10: Stability and reactive	vity
10.1. Reactivity	
The product is non-reactive under normal co	inditions of use, storage and transport.
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactio	ns
No dangerous reactions known under norma	al conditions of use.
10.4. Conditions to avoid	
None under recommended storage and han	dling conditions (see section 7).
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition prod	ucts
Hazardous decomposition products.	
<b>SECTION 11: Toxicological inform</b>	nation
11.1. Information on toxicological effe	ects
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
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Specific target organ toxicity - single exposure

: Not classified

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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	r - 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 add	tional information available	
12.3.	Bioaccumulative potential	
No add	tional information available	
12.4.	Mobility in soil	
No add	tional information available	
12.5.	Other adverse effects	

No additional 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		
SECTION 15: Regulatory infor	nation	
15.1. US Federal regulations		
No additional information available		
15.2. International regulations		
CANADA		
EU-Regulations		

National regulations No additional information available

15.3. US State regulations

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#### **SECTION 16: Other information**

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#### 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.