

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)





SOD Reagent A

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

SECTION 1: Identification of the su	ubstance/mixture and of the company/undertaking
1.1. Product identifier	abstance/mixture and of the company/andertaking
Product form	: Mixture
Product name	: SOD Reagent A
Product code	: 802S
Product group	: Trade product
1.2. Relevant identified uses of the su	bstance or mixture and uses advised against
1.2.1. Relevant identified uses	
No additional information available	
4.0.0 Uses a data at a value 4	
1.2.2. Uses advised against	
No additional information available	
 Details of the supplier of the safet Geno Technology, Inc./ G-Biosciences 	y data sneet
9800 Page Avenue	
63132-1429 Saint Louis - United States	
T 800-628-7730 - F 314-991-1504	
technical@GBiosciences.com - www.GBiosciences.com	ences.com
1.4. Emergency telephone number	
Emergency number	: Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazards identification	
2.1. Classification of the substance or	
Cleanification apparding to Regulation (EC	No. 4272/2009 [CL D]
Classification according to Regulation (EC Not classified) NO. 1212/2008 [CLP]
Not classified	
practice. 2.2. Label elements	ent any particular risk, provided it is handled in accordance with good occupational hygiene and safety
Labelling according to Regulation (EC) No.	1272/2008 [C] []
No labelling applicable	
2.3. Other hazards	
No additional information available	
SECTION 3: Composition/informat	tion on ingredients
3.1. Substances	
Not applicable	
3.2. Mixtures	
This mixture does not contain any substances	to be mentioned according to the criteria of section 3.2 of REACH annex II
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and eff No additional information available	ects, both acute and delayed
	cal attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
-	

5.2. Special hazards arising from the substance or mixture Hazardous decomposition products in case of fire : Toxic fumes may be released.

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EO) 2015/630
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release mea 6.1. Personal precautions, protective ed	
6.1.1. For non-emergency personnel	1
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 containm	ent and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. : Do not eat, drink or smoke when using this product. Always wash hands after handling the
Hygiene measures	product.
7.2. Conditions for safe storage, includ Storage conditions	ing any incompatibilities : Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s) No additional information available	
SECTION 8: Exposure controls/pers	sonal protection
8.1. Control parameters No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
Respiratory protection.	

Avoid release to the environment.

SECTION 9: Physical and chemical p	properties
9.1. Information on basic physical and c	hemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available

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

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
0.2 Other information	

9.2. Other information No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological information	1
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 sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	

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

12.6. Other adverse effects No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
	Net eveloped.
Transport hazard class(es) (IMDG)	: Not applicable
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not applicable
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	: No
Dangerous for the environment Marine pollutant	: No
Other information	: No : No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	
14.7. Transport in bulk according to Annex I	I of Marpol and the IBC Code

Not applicable

SOD Reagent A

Safety Data Sheet

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment No chemical safety assessment has been carried out

SECTION 16: Other information

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



SOD Reagent B

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

1.1. Product ide	entification of the substant			
Product form		: Mixture		
Product name		: SOD Reagent B		
Product code		: 803S		
Product group		: Trade product		
1.2. Relevant id	entified uses of the substan	ce or mixture and uses	advised against	
1.2.1. Relevant ide				
Geno Technology, 9800 Page Avenue 63132-1429 Saint T 800-628-7730 - F	nation available 1e supplier of the safety dat Inc./ G-Biosciences 			
	telephone number	com		
Emergency numbe		Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887	(Intl)
Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	

SECTION 2: Hazards identification 2.1. Classification of the substance or mixture

 Classification according to Regulation (EC) No. 1272/2008 [CLP]

 Acute toxicity (oral), Category 4

 Full text of H statements : see section 16

H302

Adverse physicochemical, human health and environmental effects Harmful if swallowed.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP)

SOD Reagent B Safety Data Sheet

	GHS07
CLP Signal word	: Warning
Hazard statements (CLP)	: H302 - Harmful if swallowed.
Precautionary statements (CLP)	 P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P330 - Rinse mouth. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
2.3. Other hazards	
No additional information available	

No additional information available

SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures	nation on ingredients		
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bovine Serum Albumin	(CAS-No.) 9048-46-8	2.5 - 10	Not classified

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
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	: Rinse mouth. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effects,	
No additional information available	both acute and delayed
4.3. Indication of any immediate medical att	ention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the substa	
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained
	breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measur	es
SECTION 6: Accidental release measur 6.1. Personal precautions, protective equip	es
	es
6.1. Personal precautions, protective equip	es
6.1. Personal precautions, protective equips 6.1.1. For non-emergency personnel Emergency procedures	es ment and emergency procedures
 6.1. Personal precautions, protective equips 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders 	es ment and emergency procedures : Ventilate spillage area.
6.1. Personal precautions, protective equips 6.1.1. For non-emergency personnel Emergency procedures	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information
 6.1. Personal precautions, protective equips 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 	es ment and emergency procedures : Ventilate spillage area.
 6.1. Personal precautions, protective equips 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders 	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information
 6.1. Personal precautions, protective equipation 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 6.2. Environmental precautions 	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
 6.1. Personal precautions, protective equipation 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 6.2. Environmental precautions Avoid release to the environment. 	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
 6.1. Personal precautions, protective equipted for the equipment for the equipme	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
 6.1. Personal precautions, protective equipted for the equipment for the equipme	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". and cleaning up : Take up liquid spill into absorbent material.
 6.1. Personal precautions, protective equipation 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment at Methods for cleaning up Other information 	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". and cleaning up : Take up liquid spill into absorbent material.
 6.1. Personal precautions, protective equipation 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment at Methods for cleaning up Other information 6.4. Reference to other sections 	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". and cleaning up : Take up liquid spill into absorbent material.
 6.1. Personal precautions, protective equipation 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment at Methods for cleaning up Other information 6.4. Reference to other sections 	es ment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". and cleaning up : Take up liquid spill into absorbent material.

Precautions for safe handling

: Ensure good ventilation of the work station. Wear personal protective equipment.

SOD Reagent B

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (F	REACH) with its amendment Regulation (EU) 2015/830
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, in	ncluding any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls	s/personal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station	on.
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

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

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.

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

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

Hazardous decomposition products.

SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
SOD Reagent B	
ATE CLP (oral)	500 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.		
Acute aquatic toxicity	: Not classified		
Chronic aquatic toxicity	: Not classified		
12.2. Persistence and degradability			
Bovine Serum Albumin (9048-46-8)			
Persistence and degradability	Readily biodegradable in water.		
12.3. Bioaccumulative potential			
No additional information available			
12.4. Mobility in soil			
No additional information available			
12.5. Results of PBT and vPvB assessment			
No additional information available			
12.6. Other adverse effects			
No additional information available			

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Waste treatment methods.

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

SOD Reagent B

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

according to Regulation (EC) No. 1907/2006 (REACH) with	its amendment Regulation (EU) 2015/830	
Proper Shipping Name (IATA)	: Not applicable	
Proper Shipping Name (ADN)	: Not applicable	
Proper Shipping Name (RID)	: Not applicable	
14.3. Transport hazard class(es)		
ADR		
Transport hazard class(es) (ADR)	: Not applicable	
IMDG		
Transport hazard class(es) (IMDG)	: Not applicable	
ΙΑΤΑ		
Transport hazard class(es) (IATA)	: Not applicable	
ADN		
Transport hazard class(es) (ADN)	: Not applicable	
RID		
Transport hazard class(es) (RID)	: Not applicable	
14.4. Packing group		
Packing group (ADR)	: Not applicable	
Packing group (IMDG)	: Not applicable	
Packing group (IATA)	: Not applicable	
Packing group (ADN)	: Not applicable	
Packing group (RID)	: Not applicable	
14.5. Environmental hazards		
Dangerous for the environment	: No	
Marine pollutant	: No	
Other information	: No supplementary information available	
14.6. Special precautions for user		
Overland transport		
Not applicable		
Transport by sea		
Not applicable		
Air transport		
Not applicable		
Inland waterway transport		
Not applicable		
Rail transport		
Not applicable		
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code		
Not applicable		

SECTION 15: Regulatory information 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Harmful if swallowed.

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Fu	ill text o	of H- and	EUH-statements:

H302

SOD Reagent B

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

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



SOD Reagent C

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

SECTION 1: Identification of the s	ubstance/mixture and of the company/undertaking
1.1. Product identifier	abotanoo/mixtaro ana or tro oompany/anaotaking
Product form	: Mixture
Product name	: SOD Reagent C
Product code	: 804S
Product group	: Trade product
0 1	ibstance or mixture and uses advised against
1.2. Relevant identified uses of the su	ustance of finixture and uses advised against
1.2.1. Relevant identified uses	
No additional information available	
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the safe	tv data sheet
Geno Technology, Inc./ G-Biosciences	
9800 Page Avenue	
63132-1429 Saint Louis - United States T 800-628-7730 - F 314-991-1504	
technical@GBiosciences.com - www.GBiosci	iences.com
1.4. Emergency telephone number	
Emergency number	: Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazards identification	
2.1. Classification of the substance of	
Classification according to Regulation (EC	;) No. 1272/2008 [CLP]
Not classified	
Adverse physicochemical, human health a	and environmental effects
	ent any particular risk, provided it is handled in accordance with good occupational hygiene and safety
practice	
2.2. Label elements	
Labelling according to Regulation (EC) No	1272/2008 [CLP]
No labelling applicable	
2.3. Other hazards	
No additional information available	
SECTION 3: Composition/informa	tion on ingredients
3.1. Substances	
Not applicable	
3.2. Mixtures	
This mixture does not contain any substances	s to be mentioned according to the criteria of section 3.2 of REACH annex II
SECTION 4: First aid measures	
4.1. Description of first aid measures	Demonstration and the first state and the second state to the state of the second stat
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and ef No additional information available	fects, both acute and delayed
4.3. Indication of any immediate medi	cal attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture Hazardous decomposition products in case of fire : Toxic fumes may be released.

\sim 10

5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release mo 6.1. Personal precautions, protective	easures 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	
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s) No additional information available	
SECTION 8: Exposure controls/pe	ersonal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls Appropriate engineering controls:	
Ensure good ventilation of the work station.	
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suitab	ble respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties			
9.1. Information on basic physical and chemical properties			
Physical state	: Liquid		
Colour	: No data available		
Odour	: No data available		
Odour threshold	: No data available		
рН	: No data available		
Relative evaporation rate (butylacetate=1)	: No data available		
Melting point	: Not applicable		
Freezing point	: No data available		
Boiling point	: No data available		

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

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

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

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	

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

12.6. Other adverse effects No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
	Net eveloped.
Transport hazard class(es) (IMDG)	: Not applicable
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not applicable
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	: No
Dangerous for the environment Marine pollutant	: No
Other information	: No : No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	
14.7. Transport in bulk according to Annex I	I of Marpol and the IBC Code

Not applicable

SOD Reagent C

Safety Data Sheet

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



SOD Reagent D

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

SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Product name	: SOD Reagent D
Product code	: 805S
Product group	: Trade product
• •	substance or mixture and uses advised against
	Substance of mixture and ases davised against
1.2.1. Relevant identified uses	
No additional information available	
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the sa	ifety data sheet
Geno Technology, Inc./ G-Biosciences	
9800 Page Avenue	
63132-1429 Saint Louis - United States T 800-628-7730 - F 314-991-1504	
technical@GBiosciences.com - www.GBio	sciences.com
1.4. Emergency telephone number	
Emergency number	: Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazards identificat	on
2.1. Classification of the substance	
Classification according to Regulation	(EC) No. 1272/2008 [CLP]
Not classified	
Adverse physicochemical, human healt	h and environmental effects
	resent any particular risk, provided it is handled in accordance with good occupational hygiene and safety
	resent any particular risk, provided it is narrided in accordance with your occupational rightene and safety.
practice.	resent any particular risk, provided it is naticled in accordance with good occupational hygiene and safety
	resent any particular risk, provided it is nandred in accordance with good occupational hygiene and safety
practice. 2.2. Label elements	
practice. 2.2. Label elements Labelling according to Regulation (EC)	
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable	
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards	
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable	
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures	No. 1272/2008 [CLP]
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substan SECTION 4: First aid measures 4.1. Description of first aid measures	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substan SECTION 4: First aid measures 4.1. Description of first aid measures	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of first aid measures First-aid measures after inhalation	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s : Remove person to fresh air and keep comfortable for breathing.
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of first aid measures First-aid measures after inhalation First-aid measures after skin contact	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water.
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of first aid measures First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water. Rinse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell.
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant 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 eye contact	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water. Rinse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell.
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of 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 No additional information available	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water. Rinse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell.
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of 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 No additional information available	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s Remove person to fresh air and keep comfortable for breathing. Vash skin with plenty of water. Ninse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell. effects, both acute and delayed
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of 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 No additional information available 4.3. Indication of any immediate measures	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s Remove person to fresh air and keep comfortable for breathing. Vash skin with plenty of water. Ninse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell. effects, both acute and delayed
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant SECTION 4: First aid measures 4.1. Description of 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 No additional information available 4.3. Indication of any immediate measures	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s (Remove person to fresh air and keep comfortable for breathing. (Wash skin with plenty of water. (Rinse eyes with water as a precaution. (Call a poison center or a doctor if you feel unwell. effects, both acute and delayed edical attention and special treatment needed
practice. 2.2. Label elements Labelling according to Regulation (EC) No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/inform 3.1. Substances Not applicable 3.2. Mixtures This mixture does not contain any substant 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 No additional information available 4.3. Indication of any immediate measures Treat symptomatically.	No. 1272/2008 [CLP] nation on ingredients ces to be mentioned according to the criteria of section 3.2 of REACH annex II s (Remove person to fresh air and keep comfortable for breathing. (Wash skin with plenty of water. (Rinse eyes with water as a precaution. (Call a poison center or a doctor if you feel unwell. effects, both acute and delayed edical attention and special treatment needed

5.2. Special hazards arising from the substance or mixture Hazardous decomposition products in case of fire : Toxic fumes may be released.

SOD Reagent D

according to Regulation (EC) No. 1907/2006 (REA) 5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release m	
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 informatio refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions Avoid release to the environment.	
6.3. Methods and material for contain	ment 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	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 th product.
7.2. Conditions for safe storage, inclu Storage conditions	iding any incompatibilities : Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s) No additional information available	
SECTION 8: Exposure controls/pe	ersonal protection
8.1. Control parameters No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In any of insufficient ventilation, wear suite	ble respiratory equipment
in case of insuncient ventilation, wear suita	
Environmental exposure controls: Avoid release to the environment.	

9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available

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

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological information	1
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 sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	

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

12.6. Other adverse effects No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
	. Not applicable
	Mad and Read I.
Transport hazard class(es) (IMDG)	: Not applicable
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not applicable
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	· No
Dangerous for the environment	: No
Marine pollutant Other information	: No : No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	
14.7. Transport in bulk according to Annex I	I of Marpol and the IBC Code

Not applicable

SOD Reagent D

Safety Data Sheet

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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

SECTION 1: Identification of the sub	ostance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Product name	: SOD Standard (3U/mL)
Product code	: 806S
Product group	: Trade product
5 1	
1.2. Relevant Identified uses of the subs	tance or mixture and uses advised against
1.2.1. Relevant identified uses	
No additional information available	
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the safety	data sheet
Geno Technology, Inc./ G-Biosciences	
9800 Page Avenue	
63132-1429 Saint Louis - United States T 800-628-7730 - F 314-991-1504	
technical@GBiosciences.com - www.GBioscien	ces.com
1.4. Emergency telephone number	
Emergency number	: Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)
SECTION 2: Hazards identification	
2.1. Classification of the substance or m	ixture
Classification according to Regulation (EC) N	lo. 1272/2008 [CLP]
Not classified	
Adverse physicochemical, human health and	environmental effects
To our knowledge, this product does not present	t any particular risk, provided it is handled in accordance with good occupational hygiene and safety
practice.	
2.2. Label elements	
Labelling according to Regulation (EC) No. 1	272/2008 [CLP]
No labelling applicable	
2.3. Other hazards	
No additional information available	
SECTION 3: Composition/information	n on ingredients
3.1. Substances	
Not applicable	
3.2. Mixtures	
This mixture does not contain any substances to	be mentioned according to the criteria of section 3.2 of REACH annex II
SECTION 4: First aid measures	
4.1. Description of first aid measures	· Domovic person to freeh air and keep comfortable for herething
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 eye contact First-aid measures after ingestion	: Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell.
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effect	: Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell.
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effec No additional information available	 : Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell. cts, both acute and delayed
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effect No additional information available 4.3. Indication of any immediate medica	: Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell.
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effec No additional information available	 : Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell. cts, both acute and delayed
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effec No additional information available 4.3. Indication of any immediate medica Treat symptomatically.	 : Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell. cts, both acute and delayed
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effec No additional information available 4.3. Indication of any immediate medica Treat symptomatically. SECTION 5: Firefighting measures	 : Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell. cts, both acute and delayed
First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and effec No additional information available 4.3. Indication of any immediate medica Treat symptomatically.	 : Rinse eyes with water as a precaution. : Call a poison center or a doctor if you feel unwell. cts, both acute and delayed

5.2. Special hazards arising from the substance or mixture Hazardous decomposition products in case of fire : Toxic fumes ma : Toxic fumes may be released.

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

5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measur	es
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 containment a 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	: 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, including a	
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s) No additional information available	
SECTION 8: Exposure controls/persona	al protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suitable resp	iratory equipment
Environmental exposure controls:	
Avoid release to the environment	

Avoid release to the environment.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Liquid	
Colour	: No data available	
Odour	: No data available	
Odour threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: Not applicable	
Freezing point	: No data available	
Boiling point	: No data available	

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

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2 Other information	

9.2. Other information No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological information	n
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 sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	

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

12.6. Other adverse effects No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
IMDG	
Transport hazard class(es) (IMDG)	: Not applicable
IATA	
Transport hazard class(es) (IATA)	: Not applicable
	. Not applicable
	Net exclusion
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not applicable	
Air transport	
Not applicable	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	of Morreal and the IDC Code
14.7. Transport in bulk according to Annex I Not applicable	I of marpor and the IBC Code

Safety Data Sheet

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.