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Smith (Sm) Conjugate 385425

SECTION 1: Identification of	the substance/mixture and of the company/undertaking		
1.1. Product identifier			
Product name	Smith (Sm) Conjugate 385425		
Product code	2337270		
1.3. Details of the supplier of the	e safety data sheet		
Company	Trinity Biotech		
Address	IDA Business Park		
	Bray		
	Co. Wicklow		
	Ireland		
Web	www.trinitybiotech.com		
Telephone	+353 1 276 9800		
Fax	+353 1 276 9883		
Email	info@trinitybiotech.com		
Local Supplier			
Company	Trinity Biotech USA		
Address	2823 Girts Rd		
	Jamestown		
	NY		
	14701		
	USA		
Telephone	+1 800-325-3424		
Fax	+1 716-487-1419		
1.4. Emergency telephone num	ber		
	Contact your local Emergency Health Provider.		
	Ireland-Technical Support Group 00353 -1- 276- 9800		
	USA-Technical Support Group 1-800-325-3424		
SECTION 2: Hazards identification			
2.1. Classification of the substant	nce or mixture		
Main hazards	No Significant Hazard		
2.2. Label elements			
Risk phrases	No Significant Hazard		
SECTION 3: Composition/inf	formation on ingredients		
3.2. Mixtures			



Revision 2 Revision date 2015-06-22

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3.2. Mixtures						R	evision date 2015-0
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration	Conc. (%w/w)	Classification	M-factor.
ProClin 300					0 - 0.5%	, 0	
Bromonitrodioxane					0 - 0.5%	, D	
Gentatmicin Sulfate		1405-41-0			0 - 0.5%	, D	
Further information							
		ostance is pro or environmo		concentration level, sr d.	pecified by	y EC Directive, w	hich presents a
SECTION 4: First aid	measures						
4.1. Description of first a	id measures						
Inhalation	May ca	ause irritatior	n to mucou	s membranes. Move t	he expos	ed person to fres	h air.
Eye contact			•	Rinse immediately with tention if irritation or s			utes holding the
Skin contact				ash off immediately v nedical attention if irri		•	
Ingestion		ause irritatior		s membranes. DO NC ms persist.	DT INDUC	E VOMITING. Se	eek medical

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. 7.2. Conditions for safe storage, including any incompatibilities 0 0 00

containers.
Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled
2-8 °C.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation of the working area.

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8.2. Exposure controls	
8.2.2. Individual protection	Wear suitable protective clothing.
measures	
Eye / face protection	In case of splashing, wear:. Approved safety goggles.
Skin protection -	Wear suitable gloves.
Handprotection	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Off white
SECTION 10: Stability and re	activity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.13. Other information

No known adverse health effects

SECTION 12: Ecological information

Further information

No known adverse environmental effects

SECTION 13: Disposal considerations

Further information

Dispose of in compliance with all 'local and national regulations'.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Further information	

rtner information

This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:



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Other information	
	3 - Further information.
	8 - Skin protection - Handprotection.
	8 - 8.2.2. Individual protection measures.
	15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or
	mixture.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and
	belief at the date of publication however no guarantee is made to its accuracy. This information
	relates only to the specific material designated and may not be valid for such material used in
	combination with any other materials or in any other process.





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 Revision date
 2015-06-22

SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Smith (Sm) High Pos Control 3727-1
Product code	2337270
1.3. Details of the supplier of the	e safety data sheet
Company	Trinity Biotech
Address	IDA Business Park
	Bray
	Co. Wicklow
	Ireland
Web	www.trinitybiotech.com
Telephone	+353 1 276 9800
Fax	+353 1 276 9883
Email	info@trinitybiotech.com
Local Supplier	
Company	Trinity Biotech USA
Address	2823 Girts Rd
	Jamestown
	NY
	14701
	USA
Telephone	+1 800-325-3424
Fax	+1 716-487-1419
1.4. Emergency telephone num	ber
	Contact your local Emergency Health Provider.
	Ireland-Technical Support Group 00353 -1- 276- 9800
	USA-Technical Support Group 1-800-325-3424
SECTION 2: Hazards identifi	ication
2.1. Classification of the substant	nce or mixture
Main hazards	HCV by FDA approved tests, no test method can offer complete assurance that the above
	mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen.
2.2. Label elements	
Risk phrases	No Significant Hazard
SECTION 3: Composition/inf	formation on ingredients
3.2. Mixtures	

0.2. 111/20100



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3.2. Mixtures							
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Human Serum					70 - 80%		
Sodium azide (Sodium azide (as NaN3))	011-004-00-7	26628-22-8	247-852-1		0 - 0.5%	Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Hazardous ingredients							
	Biohaza	ardous Mate	rial.				
Further information							
		stance is pre or environme			pecified by	EC Directive, which pre	esents a
SECTION 4: First aid me	asures						
4.1. Description of first aid r	neasures						
Eye contact	-		to eyes. R	inse immediately wit	h plenty of	water for 15 minutes ho	lding the
Skin contact	eyelids May ca		to skin .W/	ash with soap and w	ator		
Ingestion				it swallowing.	alei.		
General information							
	lf you fe	eel unwell, s	eek medica	l advice (show the la	abel where	possible).	
SECTION 5: Firefighting	measures						
5.1. Extinguishing media							
	Use ext	tinguishing n	nedia appro	priate to the surrour	nding fire c	onditions.	
5.2. Special hazards arising	from the sub	stance or m	ixture				
	Burning	produces ir	ritating, tox	ic and obnoxious fur	nes.		
5.3. Advice for firefighters							
	Wear s	uitable respi	ratory equip	oment when necessa	ary.		
SECTION 6: Accidental r	elease mea	sures					
6.1. Personal precautions, p	protective equ	ipment and	emergency	procedures			
	Wear s	uitable prote	ctive equip	ment.			
6.3. Methods and material f	or containme	nt and clean	ing up				
				bent material and pl nt. Flush down the d		ntainer for suitable disp lenty of water.	osal. Clean
SECTION 7: Handling an	d storage						
7.1. Precautions for safe ha	ndling						
	Handle	as if capable	e of transm	itting a disease.			
7.2. Conditions for safe stor	age, including	g any incom	patibilities				
	2-8 °C.						
SECTION 8: Exposure co	ontrols/perso	onal protec	tion				
8.2. Exposure controls							
8.2.2. Individual protection measures	Wear s	uitable prote	ctive equip	ment. Handle as if p	otentially ir	nfectious.	
Eye / face protection	Face sh	nield. Safety	glasses.				



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Skin protection - Handprotection Wear suitable gloves. SECTION 9: Physical and chemical properties 9.1. Information on basic physical and chemical properties Appearance Colour / Gri white Liquid SECTION 10: Stability and reactivity 10.2. Chemical stability 10.2. Chemical stability Stable under normal conditions. SECTION 11: Toxicological information 11.1.4. Toxicological information 11.1.4. Toxicological information 11.1.4. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicolity No data is available on this product. SECTION 13: Disposal considerations General information Dispose of in compliance with all local and national regulations. Disposal for ackaging Do NOT reuse empty containers. SECTION 14: Transport information Further Information The product is not classified as dangerous for carriage. SECTION 15: Regulatory information 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture COMMUSISION REGULATION (EU) No 453/2010 of 20 May 20	8.2. Exposure controls	
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		of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,
This SDS is prepared according to 29 CFR 1910.1200.	Further information	
		This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information



Smith (Sm) High Pos Control 3727-1

Other information	
Revision	This document differs from the previous version in the following areas:. 3 - Further information.
	8 - Skin protection - Handprotection.
	12 - 12.1. Toxicity.
	15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
Text of Hazard Statements in	EUH032 - Contact with acids liberates very toxic gas.
Section 3	Acute Tox. 2: H300 - Fatal if swallowed.
	Aquatic Acute 1: H400 - Very toxic to aquatic life.
	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.





Smith (Sm) Calibrator 3727-2

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Revision 2 Revision date 2015-06-19

1.1. Product Identifier Product name Smith (Sm) Calibrator 3727-2 2337270 2337270 1.3. Details of the supplier of the sefety data sheet Company Address Trinity Biotech IDA Business Park Bray Co. Wicklow Irelated Web www.trinitybiotech.com Fax +353 1 276 9800 Fax +353 1 276 9803 Email info@trinitybiotech.com Local Supplier Trinity Biotech USA Zaga Sints Rd Jamestown NY 14701 USA +1 800-325-3424 +1 716-487-1419 1.4. Emergency telephone number Contact your local Emergency Health Provider. Irelatical Support Group 00353 -1 - 276- 9800 USA-Technical Support Group 00353 -1 - 276- 9800 USA-Technical Support Group 0.325-3424 SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Main hazards HCV by FDA approved tests, no test method can offer complete assurance that the above mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen. 22. Label elements Intelements	SECTION 1: Identification	of the substance/mixture and of the company/undertaking
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Email info@trinitybiotech.com Local Supplier Trinity Biotech USA Company Trinity Biotech USA Address 2823 Girts Rd Jamestown NV NV 14701 USA USA Telephone +1 800-325-3424 Fax +1 716-487-1419 14. Emergency telephone numure Contact your local Emergency Health Provider. Ireland-Technical Support Group 00353 -1- 276- 9800 USA-Technical Support Group 1-800-325-3424 SECTION 2: Hazards identif SECTION 2: Hazards identif or mixture Main hazards HCV by FDA approved tests, no test method can offer complete assurance that the above mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen. 2.2. Label elements No Significant Hazard SECTION 3: Composition/Intorum to no ingredients No Significant Hazard	Telephone	+353 1 276 9800
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Contact your local Emergency Health Provider. Ireland-Technical Support Group 00353 -1- 276- 9800 USA-Technical Support Group 1-800-325-3424 SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Main hazards HCV by FDA approved tests, no test method can offer complete assurance that the above mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen. 2.2. Label elements Risk phrases No Significant Hazard SECTION 3: Composition/information on ingredients	Fax	+1 716-487-1419
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Main hazards HCV by FDA approved tests, no test method can offer complete assurance that the above mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen. 2.2. Label elements Risk phrases No Significant Hazard SECTION 3: Composition/information on ingredients	SECTION 2: Hazards ider	ntification
mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen. 2.2. Label elements Risk phrases No Significant Hazard SECTION 3: Composition/information on ingredients	2.1. Classification of the subs	stance or mixture
mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen. 2.2. Label elements Risk phrases No Significant Hazard SECTION 3: Composition/information on ingredients	Main hazards	HCV by FDA approved tests, no test method can offer complete assurance that the above
recommended for any potentially infectious human serum or blood specimen. 2.2. Label elements Risk phrases No Significant Hazard SECTION 3: Composition/information on ingredients		
Risk phrases No Significant Hazard SECTION 3: Composition/information on ingredients		
SECTION 3: Composition/information on ingredients	2.2. Label elements	
	Risk phrases	No Significant Hazard
	SECTION 3: Composition	/information on ingredients
	•	



Smith (Sm) Calibrator 3727-2

Revision 2 **Revision date** 2015-06-19

3.2. Mixtures							
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Human Serum					70 - 80%		
Sodium azide (Sodium azide (as NaN3))	011-004-00-7	26628-22-8	247-852-1		0 - 0.5%	Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Hazardous ingredients							
	Biohaza	ardous Mate	rial.				
Further information							
		stance is pre or environme			pecified by	EC Directive, which pre	sents a
SECTION 4: First aid me	asures						
4.1. Description of first aid n	neasures						
Eye contact	May car eyelids		to eyes. R	inse immediately witl	h plenty of	water for 15 minutes ho	lding the
Skin contact	May ca	use irritation	to skin. Wa	ash with soap and wa	ater.		
Ingestion	Flush m	outh with w	ater, withou	it swallowing.			
General information							
	lf you fe	eel unwell, so	eek medica	I advice (show the la	abel where	possible).	
SECTION 5: Firefighting	measures						
5.1. Extinguishing media							
	Use ext	inguishing n	nedia appro	priate to the surrour	nding fire c	onditions.	
5.2. Special hazards arising	from the sub	stance or m	ixture				
	Burning	produces ir	ritating, tox	ic and obnoxious fur	nes.		
5.3. Advice for firefighters							
	Wear su	uitable respi	ratory equip	oment when necessa	ary.		
SECTION 6: Accidental r	elease mea	sures					
6.1. Personal precautions, p	protective equ	ipment and	emergency	procedures			
	Wear su	uitable prote	ctive equip	ment.			
6.3. Methods and material fe	or containmer	nt and clean	ing up				
				bent material and plant. Flush down the d		ontainer for suitable dispo lenty of water.	osal. Clean
SECTION 7: Handling an	d storage						
7.1. Precautions for safe ha	ndling						
	Handle	as if capable	e of transm	itting a disease.			
7.2. Conditions for safe stor	age, including	g any incom	patibilities				
	2-8 °C.						
SECTION 8: Exposure co	ontrols/perso	onal protect	tion				
8.2. Exposure controls							
8.2.2. Individual protection measures	Wear su	uitable prote	ctive equip	ment. Handle as if po	otentially ir	nfectious.	
Eye / face protection	Face sh	nield. Safety	glasses.				



Smith (Sm) Calibrator 3727-2

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8.2. Exposure controls	
Skin protection - Handprotection	Wear suitable gloves.
SECTION 9: Physical and ch	nemical properties
9.1. Information on basic physic	al and chemical properties
Appearance	Liquid
Colour	Off white
SECTION 10: Stability and re	eactivity
10.2. Chemical stability	
	Stable under normal conditions.
SECTION 11: Toxicological i	nformation
11.1.4. Toxicological Information	n
	No data is available on this product.
SECTION 12: Ecological info	prmation
12.1. Toxicity	
	No data is available on this product.
SECTION 13: Disposal cons	iderations
General information	
	Dispose of in compliance with all local and national regulations.
Disposal methods	
	Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste.
Disposal of packaging	
	Do NOT reuse empty containers.
SECTION 14: Transport info	rmation
Further information	
	The product is not classified as dangerous for carriage.
SECTION 15: Regulatory inf	ormation
15.1. Safety, health and environ	mental regulations/legislation specific for the substance or mixture
	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Further information	
	This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information



Smith (Sm) Calibrator 3727-2

Other information	
Revision	 This document differs from the previous version in the following areas:. 3 - Further information. 8 - Skin protection - Handprotection. 12 - 12.1. Toxicity. 15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
Text of Hazard Statements in Section 3	EUH032 - Contact with acids liberates very toxic gas. Acute Tox. 2: H300 - Fatal if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.





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Smith (Sm) Negative Control 3727-3

SECTION 1: Identification of	the substance/mixture and of the company/undertaking		
1.1. Product identifier			
Product name	Smith (Sm) Negative Control 3727-3		
Product code	2337270		
1.3. Details of the supplier of the	e safety data sheet		
Company	Trinity Biotech		
Address	IDA Business Park		
	Bray		
	Co. Wicklow		
	Ireland		
Web	www.trinitybiotech.com		
Telephone	+353 1 276 9800		
Fax	+353 1 276 9883		
Email	info@trinitybiotech.com		
Local Supplier			
Company	Trinity Biotech USA		
Address	2823 Girts Rd		
	Jamestown		
	NY		
	14701		
	USA		
Telephone	+1 800-325-3424		
Fax	+1 716-487-1419		
1.4. Emergency telephone num	ber		
	Contact your local Emergency Health Provider.		
	Ireland-Technical Support Group 00353 -1- 276- 9800		
	USA-Technical Support Group 1-800-325-3424		
SECTION 2: Hazards identifi	ication		
2.1. Classification of the substant	nce or mixture		
Main hazards	HCV by FDA approved tests, no test method can offer complete assurance that the above		
	mentioned or any other infectious agents are absent, this reagent should be handled as		
	recommended for any potentially infectious human serum or blood specimen.		
2.2. Label elements			
Risk phrases	No Significant Hazard		
SECTION 3: Composition/information on ingredients			
3.2. Mixtures			



Smith (Sm) Negative Control 3727-3

3.2. Mixtures							
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Human Serum					70 - 80%		
Sodium azide (Sodium azide (as NaN3))	011-004-00-7	26628-22-8	247-852-1		0 - 0.5%	Acute Tox. 2: H300; Aquat Acute 1: H400; Aquatic Chronic 1: H410;	ic
Hazardous ingredients							
	Biohaza	ardous Mate	rial.				
Further information							
		stance is pre or environme			pecified by	EC Directive, which p	presents a
SECTION 4: First aid mea	asures						
4.1. Description of first aid m	easures						
Eye contact	May car eyelids		to eyes. Ri	nse immediately wit	h plenty of	water for 15 minutes	holding the
Skin contact	May ca	use irritation	to skin. Wa	ash with soap and w	ater.		
Ingestion	Flush m	outh with w	ater, withou	t swallowing.			
General information							
	lf you fe	el unwell, se	eek medica	I advice (show the la	bel where	possible).	
SECTION 5: Firefighting r	neasures						
5.1. Extinguishing media							
	Use ext	inguishing n	nedia appro	priate to the surrour	nding fire c	onditions.	
5.2. Special hazards arising	from the sub	stance or m	ixture				
	Burning	produces ir	ritating, toxi	ic and obnoxious fur	nes.		
5.3. Advice for firefighters							
	Wear su	uitable respi	ratory equip	ment when necessa	ary.		
SECTION 6: Accidental re	elease mea	sures					
6.1. Personal precautions, p	rotective equ	ipment and	emergency	procedures			
	Wear su	uitable prote	ctive equipr	ment.			
6.3. Methods and material for	or containmer	nt and clean	ing up				
		• •		bent material and plant. Flush down the d		ntainer for suitable di lenty of water.	sposal. Clean
SECTION 7: Handling and	d storage						
7.1. Precautions for safe har	ndling						
	Handle	as if capable	e of transmi	tting a disease.			
7.2. Conditions for safe stora	age, including	g any incom	patibilities				
	2-8 °C.						
SECTION 8: Exposure co	ntrols/perso	onal protect	tion				
8.2. Exposure controls							
8.2.2. Individual protection measures	Wear su	uitable prote	ctive equipr	ment. Handle as if po	otentially ir	fectious.	
Eye / face protection	Face sh	nield. Safety	glasses.				



Smith (Sm) Negative Control 3727-3

 Revision
 2

 Revision date
 2015-06-22

Skin protection - Handprotection Wear suitable gloves. SECTION 9: Physical and chemical properties 9.1. Information on basic physical and chemical properties Appearance Colour / Gri white Liquid SECTION 10: Stability and reactivity 10.2. Chemical stability 10.2. Chemical stability Stable under normal conditions. SECTION 11: Toxicological information 11.1.4. Toxicological information 11.1.4. Toxicological information 11.1.4. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicological information 12.1. Toxicolity No data is available on this product. SECTION 13: Disposal considerations General information Dispose of in compliance with all local and national regulations. Disposal for ackaging Do NOT reuse empty containers. SECTION 14: Transport information Further Information The product is not classified as dangerous for carriage. SECTION 15: Regulatory information 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture COMMUSISION REGULATION (EU) No 453/2010 of 20 May 20	8.2. Exposure controls	
9.1. Information on basic physical and chemical properties Liquid SECTION 10: Stability and reactivity 10.2. Chemical stability SECTION 11: Toxicological information SECTION 11: Toxicological information 11.1.4. Toxicological information SECTION 12: Ecological Information 12.1. Toxicity No data is available on this product. SECTION 12: Ecological information 12.1. Toxicity No data is available on this product. SECTION 13: Disposal considerations General information Dispose of in compliance with all local and national regulations. Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste. Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste. Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste. Disposal formation ECTION 14: Transport information Further information COMINISION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 190/2006 of the European Pariment and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), estabilishing a European Chemicals Agency, amending Din	Skin protection - Handprotection	Wear suitable gloves.
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This SDS is prepared according to 29 CFR 1910.1200.	Further information	
		This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information



Smith (Sm) Negative Control 3727-3

Other information	
Revision	This document differs from the previous version in the following areas:. 3 - Further information.
	8 - Skin protection - Handprotection.
	12 - 12.1. Toxicity.
	15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
Text of Hazard Statements in	EUH032 - Contact with acids liberates very toxic gas.
Section 3	Acute Tox. 2: H300 - Fatal if swallowed.
	Aquatic Acute 1: H400 - Very toxic to aquatic life.
	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.





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Smith (Sm) Low Pos Control 3727-4

SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Smith (Sm) Low Pos Control 3727-4
Product code	2337270
1.3. Details of the supplier of the	e safety data sheet
Company	Trinity Biotech
Address	IDA Business Park
	Bray
	Co. Wicklow
	Ireland
Web	www.trinitybiotech.com
Telephone	+353 1 276 9800
Fax	+353 1 276 9883
Email	info@trinitybiotech.com
Local Supplier	
Company	Trinity Biotech USA
Address	2823 Girts Rd
	Jamestown
	NY
	14701
	USA
Telephone	+1 800-325-3424
Fax	+1 716-487-1419
1.4. Emergency telephone num	ber
	Contact your local Emergency Health Provider.
	Ireland-Technical Support Group 00353 -1- 276- 9800
	USA-Technical Support Group 1-800-325-3424
SECTION 2: Hazards identifi	cation
2.1. Classification of the substant	nce or mixture
Main hazards	HCV by FDA approved tests, no test method can offer complete assurance that the above
	mentioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen.
2.2. Label elements	
Risk phrases	No Significant Hazard
SECTION 3: Composition/inf	ormation on ingredients
3.2. Mixtures	



Smith (Sm) Low Pos Control 3727-4

3.2. Mixtures							
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Human Serum					70 - 80%		
Sodium azide (Sodium azide (as NaN3))	011-004-00-7	26628-22-8	247-852-1		0 - 0.5%	Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Hazardous ingredients							
	Biohaza	ardous Mate	rial.				
Further information							
		stance is pre or environme			pecified by	EC Directive, which pre	sents a
SECTION 4: First aid me	asures						
4.1. Description of first aid r	neasures						
Eye contact	May cau eyelids		to eyes. Ri	nse immediately wit	h plenty of	water for 15 minutes ho	lding the
Skin contact				ash with soap and w	ater.		
	Flush m	outh with w	ater, withou	t swallowing.			
General information							
	It you te	el unwell, s	eek medica	I advice (show the la	abel where	possible).	
SECTION 5: Firefighting	measures						
5.1. Extinguishing media							
	Use ext	inguishing n	nedia appro	priate to the surrour	nding fire c	onditions.	
5.2. Special hazards arising	g from the sub	stance or m	ixture				
	Burning	produces in	ritating, tox	ic and obnoxious fur	nes.		
5.3. Advice for firefighters							
	Wear su	uitable respi	ratory equip	oment when necessa	ary.		
SECTION 6: Accidental r	release meas	sures					
6.1. Personal precautions, p	protective equ	ipment and	emergency	procedures			
	Wear su	uitable prote	ctive equip	ment.			
6.3. Methods and material f	or containmer	nt and clean	ing up				
				bent material and pl nt. Flush down the d		ontainer for suitable disp lenty of water.	osal. Clea
SECTION 7: Handling ar	nd storage						
7.1. Precautions for safe ha	andling						
	Handle	as if capable	e of transmi	itting a disease.			
7.2. Conditions for safe stor	rage, including	any incom	patibilities				
	2-8 °C.						
SECTION 8: Exposure c	ontrols/perso	onal protect	tion				
8.2. Exposure controls							
8.2.2. Individual protection measures	Wear su	uitable prote	ctive equip	ment. Handle as if po	otentially ir	nfectious.	
Eve / face protection	Eace sh	ield Safety	alasses				



Smith (Sm) Low Pos Control 3727-4

 Revision
 2

 Revision date
 2015-06-22

8.2. Exposure controls	
Skin protection - Handprotection	Wear suitable gloves.
SECTION 9: Physical and ch	nemical properties
9.1. Information on basic physic	al and chemical properties
Appearance Colour	
SECTION 10: Stability and re	eactivity
10.2. Chemical stability	
	Stable under normal conditions.
SECTION 11: Toxicological i	information
11.1.4. Toxicological Information	
	No data is available on this product.
SECTION 12: Ecological info	
12.1. Toxicity	
	No data is available on this product.
SECTION 13: Disposal cons	Iderations
General information	
Disposal methods	Dispose of in compliance with all local and national regulations.
	Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste.
Disposal of packaging	
	Do NOT reuse empty containers.
SECTION 14: Transport info	rmation
Further information	
	The product is not classified as dangerous for carriage.
SECTION 15: Degulatory inf	
SECTION 15: Regulatory inf	ormation Imental regulations/legislation specific for the substance or mixture
	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
	of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Further information	

SECTION 16: Other information



Smith (Sm) Low Pos Control 3727-4

Other information	
Revision	This document differs from the previous version in the following areas:. 3 - Further information.
	8 - Skin protection - Handprotection.
	12 - 12.1. Toxicity.
	15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
Text of Hazard Statements in	EUH032 - Contact with acids liberates very toxic gas.
Section 3	Acute Tox. 2: H300 - Fatal if swallowed.
	Aquatic Acute 1: H400 - Very toxic to aquatic life.
	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.





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Smith (Sm) Serum Diluent Type III 616434

SECTION 1: Identification of	the substance/mixture and of the company/undertaking			
1.1. Product identifier				
Product name	Smith (Sm) Serum Diluent Type III 616434			
Product code	2337270			
1.3. Details of the supplier of the	e safety data sheet			
Company	Trinity Biotech			
Address	IDA Business Park			
	Bray			
	Co. Wicklow			
	Ireland			
Web	www.trinitybiotech.com			
Telephone	+353 1 276 9800			
Fax	+353 1 276 9883			
Email	info@trinitybiotech.com			
Local Supplier				
Company	Trinity Biotech USA			
Address	2823 Girts Rd			
	Jamestown			
	NY			
	14701			
	USA			
Telephone	+1 800-325-3424			
Fax	+1 716-487-1419			
1.4. Emergency telephone num	ber			
	Contact your local Emergency Health Provider.			
	Ireland-Technical Support Group 00353 -1- 276- 9800			
	USA-Technical Support Group 1-800-325-3424			
SECTION 2: Hazards identification				
2.1. Classification of the substance or mixture				
Main hazards	No Significant Hazard			
2.2. Label elements				
Risk phrases	No Significant Hazard			
SECTION 3: Composition/information on ingredients				
3.2. Mixtures				



Smith (Sm) Serum Diluent Type III 616434

 Revision
 2

 Revision date
 2015-06-15

3.2. Mixtures

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration	Conc.	Classification	M-factor.
N-Z-Amine CH001A				Number	(%w/w) 1 - 10%		
Sodium Phosphate, Dibasic CH012		7558-79-4	231-448-7		0 - 0.5%		
ProClin 300					0 - 0.5%		
Tween 20 CH016		9005-64-5	500-018-3		0 - 0.5%		
Potassium Chloride CH037		7447-40-7	231-211-8		0 - 0.5%)	
Description							
	Non H	azardous.					
Further information							
		bstance is pre or environme		oncentration level, sp I.	ecified by	/ EC Directive, whi	ch presents a
SECTION 4: First aid mea	asures						
1.1. Description of first aid m	easures						
nhalation		-		, tightness of the che esh air. Seek medica			atory system.
Eye contact			•	nse immediately with ention if irritation or s			tes holding the
Skin contact	May c	ause irritation	i to skin. Re	move contaminated mediately with plenty	clothing.	Seek medical atter	ition if irritation o
Ingestion	Ingest	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.					
SECTION 5: Firefighting r	neasures						
5.1. Extinguishing media							
	Use ex	xtinguishing r	nedia appro	priate to the surroun	ding fire c	conditions.	
5.3. Advice for firefighters				·			
	Wear	suitable respi	ratory equip	ment when necessa	ry.		
SECTION 6: Accidental re	elease mea	asures					
6.1. Personal precautions, p	rotective eq	uipment and	emergency	procedures			
	Ensur	e adequate v	entilation of	the working area. W	ear suitat	le protective equip	oment.
6.2. Environmental precautic	ons						
	Do no	t allow produc	ct to enter d	rains.			
6.3. Methods and material fo	r containme	ent and clean	ing up				
	Wash	area with a 5	% chlorine	bleach solution or eq	uivalent,	rinse with water.	
SECTION 7: Handling and	d storage						
7.1. Precautions for safe har	dling						
			-	in. Ensure adequate s when handling, ca		-	ea. Adopt best
7.2. Conditions for sofe store				0,			
7.2. Conditions for safe store	ige, incluai	ig any incom	paublilles				

Further information

2-8 °C.



Smith (Sm) Serum Diluent Type III 616434

Revision 2

	Revision date 2015-06-15				
SECTION 8: Exposure control	ols/personal protection				
8.2. Exposure controls					
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.				
8.2.2. Individual protection measures	Wear suitable protective clothing.				
Eye / face protection	Approved safety goggles.				
Skin protection - Handprotection	Wear suitable gloves.				
SECTION 9: Physical and ch	iemical properties				
9.1. Information on basic physic	al and chemical properties				
Appearance	Aqueous solution				
Colour	Yellow				
SECTION 10: Stability and re	eactivity				
10.1. Reactivity					
	Stable under normal conditions.				
SECTION 11: Toxicological i	nformation				
Further information					
	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.				
SECTION 12: Ecological info	ormation				
Further information					
	No known adverse environmental effects.				
SECTION 13: Disposal cons	iderations				
Disposal methods					
	Dispose of in compliance with all local and national regulations.				
SECTION 14: Transport info	rmation				
Further information					
	The product is not classified as dangerous for carriage.				
SECTION 15: Regulatory info	ormation				
·	mental regulations/legislation specific for the substance or mixture				
	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.				
	of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC				

Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Further information

This SDS is prepared according to 29 CFR 1910.1200.



Smith (Sm) Serum Diluent Type III 616434

SECTION 16: Other information				
Further information				
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.			





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Smith (Sm) Wash Buffer Type II 827402

SECTION 1: Identification of the substance/mixture and of the company/undertaking					
1.1. Product identifier					
Product name	Smith (Sm) Wash Buffer Type II 827402				
Product code	2337270				
1.3. Details of the supplier of the	e safety data sheet				
Company	Trinity Biotech				
Address	IDA Business Park				
	Bray				
	Co. Wicklow				
	Ireland				
Web	www.trinitybiotech.com				
Telephone	+353 1 276 9800				
Fax	+353 1 276 9883				
Email	info@trinitybiotech.com				
Local Supplier					
Company	Trinity Biotech USA				
Address	2823 Girts Rd				
	Jamestown				
	NY				
	14701				
	USA				
Telephone	+1 800-325-3424				
Fax	+1 716-487-1419				
1.4. Emergency telephone num	ber				
	Contact your local Emergency Health Provider.				
	Ireland-Technical Support Group 00353 -1- 276- 9800				
	USA-Technical Support Group 1-800-325-3424				
SECTION 2: Hazards identif	ication				
2.1. Classification of the substance or mixture					
Main hazards	No Significant Hazard				
2.2. Label elements					
Risk phrases	No Significant Hazard				
SECTION 3: Composition/int	formation on ingredients				
3.2. Mixtures					



Smith (Sm) Wash Buffer Type II 827402

Revision 2 Revision date 2015-06-22

3.2. Mixtures

EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Hydrochloric acid%	017-002-01-X		231-595-7		0 - 0.5%	Skin Corr. 1B: H314; STOT SE 3: H335;	
Tween 80 CH016A		9005-65-6			1 - 10%		
Tris Base		77-86-1	201-064-4		1 - 10%		
EDTA		6381-92-6	205-358-3		0 - 0.5%		
ProClin 300					0 - 0.5%		

Further information

No substance is present at a concentration level, specified by EC Directive, which presents a health or environmental hazard.

4.1. Description of first aid measures

SECTION 4: First aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.			
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.			
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.			
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.			

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep container tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection



Smith (Sm) Wash Buffer Type II 827402

Revision 2 Revision date 2015-06-22

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.			
8.2.2. Individual protection	Wear suitable protective clothing.			
measures				
Eye / face protection	In case of splashing, wear:. Eye protection.			
Skin protection -	Wear suitable gloves.			
Handprotection				

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Aqueous solution Colour Blue

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions

SECTION 11: Toxicological information

11.1.13. Other information

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Further information

No known adverse environmental effects

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Further information	

This SDS is prepared according to 29 CFR 1910.1200.



Smith (Sm) Wash Buffer Type II 827402

 Revision
 2

 Revision date
 2015-06-22

SECTION 16: Other information

Other information						
Revision	 This document differs from the previous version in the following areas:. 3 - Further information. 8 - Skin protection - Handprotection. 8 - 8.2.2. Individual protection measures. 15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. 					
Text of Hazard Statements in	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.					
Section 3	STOT SE 3: H335 - May cause respiratory irritation.					
General information						
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.					





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Smith (Sm) Substrate Solution 525700

SECTION 1: Identification of the substance/mixture and of the company/undertaking						
1.1. Product identifier						
Product name	Smith (Sm) Substrate Solution 525700					
Product code	2337270					
1.3. Details of the supplier of the	e safety data sheet					
Company	Trinity Biotech					
Address	IDA Business Park					
	Bray					
	Co. Wicklow					
	Ireland					
Web	www.trinitybiotech.com					
Telephone	+353 1 276 9800					
Fax	+353 1 276 9883					
Email	info@trinitybiotech.com					
Local Supplier						
Company	Trinity Biotech USA					
Address	2823 Girts Rd					
	Jamestown					
	NY					
	14701					
	USA					
Telephone	+1 800-325-3424					
Fax	+1 716-487-1419					
1.4. Emergency telephone num	ber					
	Contact your local Emergency Health Provider.					
	Ireland-Technical Support Group 00353 -1- 276- 9800					
	USA-Technical Support Group 1-800-325-3424					
SECTION 2: Hazards identif	SECTION 2: Hazards identification					
2.1. Classification of the substance or mixture						
Main hazards	No Significant Hazard					
2.2. Label elements						
Risk phrases	No Significant Hazard					
SECTION 3: Composition/int	formation on ingredients					
3.2. Mixtures						



Smith (Sm) Substrate Solution 525700

3.2. Mixtures							
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration	Conc. (%w/w)	Classification	M-factor.
SureBlue TMB Microwell Peroxidase Substrate (1- component) Hydrogen Peroxide		Proprietary 7722-84-1		TUNIO	10 - 20% 0 - 0.5%		
Further information							
		bstance is pres or environme		oncentration level, s _i d.	pecified by	y EC Directive, v	vhich presents a
SECTION 4: First aid me	asures						
4.1. Description of first aid n	neasures						
Inhalation	Move	the exposed p	erson to f	esh air.			
Eye contact		ause irritation s open. Seek r	•	inse immediately with tention.	n plenty o	f water for 15 mi	nutes holding the
Skin contact				g. Wash off immediat symptoms persist.	ely with p	lenty of soap an	d water. Seek
SECTION 5: Firefighting	measures						
5.1. Extinguishing media							
		xtinguishing m Water spray.	edia appro	opriate to the surrour	ding fire o	conditions. Carb	on dioxide (CO2).
5.3. Advice for firefighters							
	Self-co	ontained breat	hing appa	ratus.			
SECTION 6: Accidental r	elease me	asures					
6.1. Personal precautions, p	protective eq	uipment and e	emergency	v procedures			
	Wear	suitable protect	ctive equip	ment.			
6.3. Methods and material for	or containme	ent and cleanii	ng up				
	Transf	er to suitable,	labelled c	ontainers for disposa	Ι.		
SECTION 7: Handling an	d storage						
7.1. Precautions for safe ha							
		protective clot	hina				
7.2. Conditions for safe stor		-	-				
	2-8 °C						
SECTION 8: Exposure co	ontrole/nerg	sonal protecti	ion				
8.2. Exposure controls							
8.2.1. Appropriate	Fneur	e adequate ve	ntilation	the working area.			
engineering controls		o adoquate ve		and working area.			
8.2.2. Individual protection measures	Wear	suitable protec	ctive clothi	ng.			
Eye / face protection	Safety	glasses.					
Skin protection - Handprotection	Wear	suitable gloves	S.				
Respiratory protection		a well ventilat					
8.2.3. Environmental exposure controls	Do no	t eat, drink or s	smoke in a	areas where this prod	luct is use	ed or stored.	



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Revision

Smith (Sm) Substrate Solution 525700

	Revision date 2015-06-22
SECTION 9: Physical and ch	iemical properties
9.1. Information on basic physic	al and chemical properties
Appearance	Aqueous solution
Colour	
Initial boiling point	100
SECTION 10: Stability and re	eactivity
10.2. Chemical stability	
	Stable under normal conditions.
10.4. Conditions to avoid	
	Heat, sparks and open flames.
SECTION 11: Toxicological i	nformation
11.1.4. Toxicological Information	n
	When used and handled according to the specifications, the solution does not have a toxicological effect.
SECTION 12: Ecological info	ormation
Further information	
	No data is available on this product.
SECTION 13: Disposal cons	iderations
General information	
	Dispose of in compliance with all local and national regulations.
SECTION 14: Transport info	rmation
Further information	
	The product is not classified as dangerous for carriage.
SECTION 15: Regulatory inf	
	mental regulations/legislation specific for the substance or mixture
	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Further information	
	This SDS is prepared according to 29 CFR 1910.1200.
SECTION 16: Other information	tion

Other information

Revision	This document differs from the previous version in the following areas:.
	3 - Further information.
	8 - Skin protection - Handprotection.
	8 - 8.2.2. Individual protection measures.



Smith (Sm) Substrate Solution 525700

Other information			
	15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.		
General information			
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.		





Smith (Sm) Stop Solution 915401

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SECTION 1: Identification of	f the substance/mixture and of the company/undertaking				
1.1. Product identifier					
Product name	Smith (Sm) Stop Solution 915401				
Product code	2337270				
1.3. Details of the supplier of th	e safety data sheet				
Company	Trinity Biotech				
Address	IDA Business Park				
	Bray				
	Co. Wicklow				
Web	Ireland www.trinitybiotech.com				
Telephone	+353 1 276 9800				
Fax	+353 1 276 9883				
Email	info@trinitybiotech.com				
Local Supplier					
	Trinity Biotoph USA				
Company Address	Trinity Biotech USA 2823 Girts Rd				
Address	Jamestown				
	NY				
	14701				
	USA				
Telephone	+1 800-325-3424				
Fax	+1 716-487-1419				
1.4. Emergency telephone num	ber				
	Contact your local Emergency Health Provider.				
	Ireland-Technical Support Group 00353 -1- 276- 9800				
	USA-Technical Support Group 1-800-325-3424				
SECTION 2: Hazards identif	ication				
2.1. Classification of the substa	nce or mixture				
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319;				
2.2. Label elements					
Hazard pictograms					
Signal Word	Warning				
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation.				
	Eye Irrit. 2: H319 - Causes serious eye irritation.				



2 Revision Revision date 2015-06-22

2.2. Label elements					
Precautionary Statement: P264 - Wash thoroughly after handling.					
Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.				
Precautionary Statement:	P302+P352 - IF ON SKIN: Wash with plenty of water/ .				
Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact				
	lenses, if present and easy to do. Continue rinsing.				
	P321 - Specific treatment (see on this label).				
	P332+P313 - If skin irritation occurs: Get medical advice/attention.				
	P337+P313 - If eye irritation persists: Get medical advice/attention.				

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sulphuric acid% (Sulphuric acid (mist))	016-020-00-8	7664-93-9	231-639-5		1 - 10%	C; R35	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sulphuric acid% (Sulphuric acid (mist))	016-020-00-8	7664-93-9	231-639-5		1 - 10%	Skin Corr. 1A: H314;	

Further information

No substance is present at a concentration level, specified by EC Directive, which presents a
health or environmental hazard.

SECTION 4: First aid measures

4.1. Description of first aid m	neasures
Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Irritating to respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.
General information	
	First aid measures given apply to concentrated solutions. Exposure to dilute solutions may not require these extensive first aid procedures.

SECTION 5: Firefighting measures

5.1.	Extinguishing media	

Dry chemical. Foam. Water. Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions



 Revision
 2

 Revision date
 2015-06-22

6.2. Environmental precautions

6.2. Environmental precautions		
	Do not allow product to enter drains.	
6.3. Methods and material for c	ontainment and cleaning up	
	Absorb with inert, absorbent material. Tran spillage area thoroughly with plenty of wate	sfer to suitable, labelled containers for disposal. Clean er.
SECTION 7: Handling and s	torage	
7.1. Precautions for safe handli	ng	
	Adopt best Manual Handling consideration contact with eyes and skin. Ensure adequate	s when handling, carrying and dispensing. Avoid ate ventilation of the working area.
7.2. Conditions for safe storage	, including any incompatibilities	
	Keep in a cool, dry, well ventilated area. Ke containers.	eep containers tightly closed. Store in correctly labelled
SECTION 8: Exposure contr	ols/personal protection	
8.1. Control parameters		
8.1.1. Exposure Limit Values		
Sulphuric acid% (Sulphuric acid (mist))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.05
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

acio (mist))		
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection	Wear suitable protective clothing.
measures	
Eye / face protection	Approved safety goggles.
Skin protection -	Wear suitable gloves.
Handprotection	
Respiratory protection	Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Colourless
Initial boiling point	100
SECTION 10: Stability and reactivity	

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

Sulphuric acid%	Inhalation Rat LC50/2 h: 510	Oral Rat LD50: 2140
	When used and handled according to the specification effect.	ons, the solution does not have a toxicological



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SECTION 12: Ecological information

12.1. Toxicity

Sulphuric acid...%

Fish LC50/96h: 42.00000 mg/l

12.4. Mobility in soil

When released into soil, this material may leach into groundwater.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Further information

This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

Other information

Revision	 This document differs from the previous version in the following areas:. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 3 - Further information. 8 - Skin protection - Handprotection. 8 - 8.2.2. Individual protection measures.
	15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
Text of risk phrases in Section 3	R35 - Causes severe burns.
Text of Hazard Statements in Section 3	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and



Further information	
	belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in
	combination with any other materials or in any other process.

