



PRODUCT NAME MICROIMMUNE MUMPS IgM CAPTURE EIA KIT

PRODUCT CODE MUVM004

SUPPLIER Clin-Tech
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COMPOSITION

Description	Part Code	Contents
Microtitre plate in pouch	2103	1
Serum Diluent	2040	100 mL
Positive Control	2141	1.4 mL
Negative Control	2142	2 × 1.9 mL
Antigen	2136	0.125 mL
Antigen Diluent	2137	12.5 mL
Conjugate	2139	12 mL
TMB Substrate	2030	13 mL
Stop Solution	2031	14 mL

The SDS for each reagent is presented separately



Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME ANTIBODY-COATED MICROTITRE PLATES

PRODUCT CODE 2109 / 2103

SUPPLIER Clin-Tech
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2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
None required

Precautionary statement(s)
None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
POLYSTYRENE MICROTITRE PLATES	-	-	-	N/A

4. FIRST-AID MEASURES

INHALATION

If desiccated coating becomes detached as dust and is inhaled, move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.

INGESTION

If desiccated coating becomes detached and is ingested, do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.

SKIN CONTACT

If desiccated coating becomes detached and comes into contact with skin, remove any contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.



EYE CONTACT

If desiccated coating becomes detached as dust and enters the eye, make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Plastic microtitre plate
ODOUR	None

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Moisture

INCOMPATIBLE MATERIALS

Organic solvents

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

Dust may be harmful if inhaled. Dust may cause respiratory tract irritation.

INGESTION

Dust may be harmful if swallowed.



SKIN CONTACT

Dust may be harmful if absorbed through skin. Dust may cause skin irritation.

EYE CONTACT

Dust may cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

These plates are packaged in airtight foil pouches including a silica gel desiccant sachet. This sachet should not be considered part of the product and should be disposed of as packaging in line with local regulations.

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

N/A



Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME SERUM DILUENT

PRODUCT CODE 20040 / 2040

SUPPLIER Clin-Tech
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2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
None required

Precautionary statement(s)
None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
5-BROMO-5-NITRO-1,3-DIOXANE	250-001-7	30007-47-7	<0.1%	Acute Tox. 4, Skin Irrit. 2 H302 H315
ALLURA RED AC [CI 16035]	247-368-0	25956-17-6	0-1%	
Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate				
CASEINS	232-555-1	9000-71-9	<10%	
SODIUM CHLORIDE	231-598-3	7647-14-5	5-10%	
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	
POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	0-1%	
TWEEN-20	500-018-3	9005-64-5	<0.1%	

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.



INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pale Red liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~ 1.01 – 1.05

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Moisture

INCOMPATIBLE MATERIALS

Strong oxidising agents



HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.



REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
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Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H302	Harmful if swallowed
H315	Causes skin irritation



Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME WASH BUFFER 10x CONCENTRATE

PRODUCT CODE 20024 / 2024

SUPPLIER Clin-Tech
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Website www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
None required

Precautionary statement(s)
None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
5-BROMO-5-NITRO-1,3-DIOXANE	250-001-7	30007-47-7	<0.1%	Acute Tox. 4, Skin Irrit. 2 H302 H315
SODIUM CHLORIDE	231-598-3	7647-14-5	5-10%	
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	
POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	0-1%	
TWEEN-20	500-018-3	9005-64-5	<0.1%	

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.



INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~ 1.01 – 1.05

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Moisture

INCOMPATIBLE MATERIALS

Strong oxidising agents



HAZARDOUS DECOMPOSITION PRODUCTS
Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H302	Harmful if swallowed
H315	Causes skin irritation



Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME CONTROL SERA
For Measles / Mumps / Rubella EIAs.

PRODUCT CODE 2157, 2159, 2120, 2129, 2141, 2142, 2122, 2124

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Website www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
None required

Precautionary statement(s)
None required

CONTINUED OVERLEAF

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
5-BROMO-5-NITRO-1,3-DIOXANE	250-001-7	30007-47-7	<0.1%	Acute Tox. 4, Skin Irrit. 2 H302 H315
HUMAN BLOOD SERA	-	-	<0.5%	All blood-derived products should be treated as potentially infectious. The donations used in these products are not sterilised and may be capable of transmitting any biological agent that has not been detected by routine screening at the time of donation.
ALLURA RED AC	247-368-0	25956-17-6	0-1%	
Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate				
CASEINS	232-555-1	9000-71-9	<10%	
SODIUM CHLORIDE	231-598-3	7647-14-5	5-10%	
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	



POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	0-1%	
TWEEN-20	500-018-3	9005-64-5	<0.1%	

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.

INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pale Red liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~ 1.01 – 1.05



10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Moisture

INCOMPATIBLE MATERIALS

Strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

OTHER CONSIDERATIONS

All blood-derived products should be treated as potentially infectious. The donations used in these products are not sterilised and may be capable of transmitting any biological agent that has not been detected by routine screening at the time of donation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				



15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.

Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H302	Harmful if swallowed
H315	Causes skin irritation



Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME ANTIGEN CONCENTRATE, MUMPS IgM CAPTURE EIA

PRODUCT CODE 20136 / 2136

<u>SUPPLIER</u>	Clin-Tech	Telephone	+44 (0)1483 302007
	Unit G, Perram Works	Fax	+44 (0)1483 301907
	Merrow Lane		
	Guildford, Surrey	Email	info@clin-tech.co.uk
	GU4 7BN, UK	Website	www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
 Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
 No symbols required

Hazard statement(s)
 None required

Precautionary statement(s)
 None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
5-BROMO-5-NITRO-1,3-DIOXANE	250-001-7	30007-47-7	<0.1%	Acute Tox. 4, Skin Irrit. 2 H302 H315
BOVINE SERUM ALBUMIN	232-936-2	9048-46-8	5-10%	Acute Tox. 4 H302
ALLURA RED AC	247-368-0	25956-17-6	0-1%	
Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate				
POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	0-1%	
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	
SODIUM CHLORIDE	231-598-3	7647-14-5	5-10%	
RECOMBINANT MUMPS NUCLEAR PROTEIN ANTIGEN			0-1%	

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.

INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

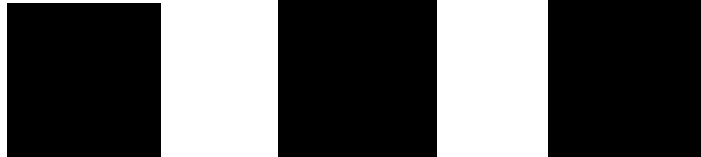
Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS
Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION
Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION
Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT
Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION
Provide eyewash station.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Red liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~ 1.01 – 1.05

10. STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Moisture



INCOMPATIBLE MATERIALS

Strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.

Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATIONGENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H302	Harmful if swallowed
H315	Causes skin irritation



1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME TMB SUBSTRATE

PRODUCT CODE 20030 / 2030

SUPPLIER Clin-Tech
Unit G, Perram Works
Merrow Lane
Guildford, Surrey
GU4 7BN, UK

Telephone +44 (0)1483 302007
Fax +44 (0)1483 301907
Email info@clin-tech.co.uk
Website www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
None required

Precautionary statement(s)
None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
3,3',5,5'-TETRA-METHYLBENZIDINE	259-364-6	54827-17-7	<0.1%	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3 H315 H319 H335

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial33 0 0 8.3330885205(f)-8.e9779(a)-3.68441(s)5.p2

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT





HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pale Yellow - Colourless liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
SPECIFIC GRAVITY	~ 1.01
pH	3.3 – 3.8

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Moisture

INCOMPATIBLE MATERIALS

Strong oxidisers, Metals

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.



EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME STOP SOLUTION
0.5M Hydrochloric Acid

PRODUCT CODE 20031 / 2031

SUPPLIER Clin-Tech
Unit G, Perram Works
Merrow Lane
Guildford, Surrey
GU4 7BN, UK

Telephone +44 (0)1483 302007
Fax +44 (0)1483 301907
Email info@clin-tech.co.uk
Website www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Corrosive to metals (Category 1) H290

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

DANGER



Hazard statement(s)
H290 May be corrosive to metals

Precautionary statement(s)
None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
HYDROCHLORIC ACID	231-595-7	7647-01-0	1-3%	Skin Corr. 1B; STOT SE 3 H314 H335

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.

INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.



SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA	STEL
HYDROCHLORIC ACID	WEL	1 ppm	5 ppm

WEL – Workplace Exposure Limit h TWA – hour Time Weighted Average STEL – Short Term EL.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
SPECIFIC GRAVITY	~ 1.01

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Moisture

INCOMPATIBLE MATERIALS

Metals

HAZARDOUS DECOMPOSITION PRODUCTS

No data available.



11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation. ()-5.81882(c)(15659(y)E..90232201C1.5522666 s. .

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local, national and international regulations.

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REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation
H290	May be corrosive to metals



Safety Data Sheet

According to regulation (EC) # 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME ANTIGEN DILUENT FOR MUMPS IgM CAPTURE EIA

PRODUCT CODE 20137 / 2137

SUPPLIER Clin-Tech
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Merrow Lane
Guildford, Surrey
GU4 7BN, UK

Telephone +44 (0)1483 302007
Fax +44 (0)1483 301907
Email info@clin-tech.co.uk
Website www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
None required

Precautionary statement(s)
None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
5-BROMO-5-NITRO-1,3-DIOXANE	250-001-7	30007-47-7	<0.1%	Acute Tox. 4, Skin Irrit. 2 H302 H315
BOVINE SERUM ALBUMIN	232-936-2	9048-46-8	5-10%	Acute Tox. 4 H302
TARTRAZINE [CI 19140]	217-699-5	1934-21-0	0-1%	Resp. Sens. 1, Skin Sens. 1 H317 H334
Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate				
POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	0-1%	
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	
SODIUM CHLORIDE	231-598-3	7647-14-5	5-10%	

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if symptoms occur.

INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if symptoms occur.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing mist / aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

STORAGE PRECAUTIONS

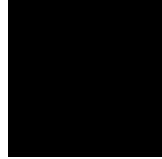
Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS
Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION
Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION
Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT
Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION
Provide eyewash station.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Yellow liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~ 1.01 – 1.05

10. STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Moisture



INCOMPATIBLE MATERIALS

Strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.



REVISION INFORMATION

Revision No.	02
Revision Date	07/2016
Comments	Reformatting
Replaces Document Generated	Original Document

HAZARD STATEMENTS IN FULL

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled