



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

PRODUCT NAME	BioKits <i>F.A.S.T</i> Species Screening Kit
PRODUCT NUMBERS	502135B (Cow), 502137W (Pig), 502138U (Sheep), 502139S (Poultry), 502136Y (Horse), 502304E (Positive Control), 502187F (Accessory Pack)
Address/ Phone No	Neogen Europe Ltd The Dairy School Auchincruive Ayr UNITED KINGDOM, KA6 5HW Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS	A matched set of components of : 25 x Species Specific Immunosticks 25 x tubes Species Specific Enzyme Reagent 25 x tubes Colour Development Buffer Provided with each kit: <i>F.A.S.T</i> Accessory pack containing - 1 x vial ABTS Concentrate 1 x vial Stop Solution Optional: 1 x vial <i>F.A.S.T</i> Positive Control
CAS No	None assigned for the product
EC No	None assigned for the product
Use	For the qualitative determination of raw species content in meat/meat products by immunoassay.
HAZARDOUS INGREDIENT(S)	Listed below for each component

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

COMPONENT NAME **F.A.S.T Immunosticks**

PRODUCT NUMBERS 502116F (Cow), 502118B (Pig), 502199Y (Sheep),
502120Q (Poultry), 502117D (Horse)

Address/ Phone No Neogen Europe Ltd
The Dairy School
Auchincruive
Ayr
UNITED KINGDOM, KA6 5HW
Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS 25 species specific coated immunosticks in phospho buffered saline

CAS No None assigned for the component
EC No None assigned for the component
Use For the qualitative determination of raw species content in meat/meat products by immunoassay.
For professional use only.

HAZARDOUS INGREDIENT(S)	CAS No	Symbol	R Phrases
Di-Sodium hydrogen orthophosphate	7558-79-4		
Sodium di-Hydrogen orthophosphate	13472-35-0		
Sodium Chloride	7647-14-5		
Thiomersal	54-64-8	T	

3. HAZARDS IDENTIFICATION

Risks None

Special Risk Conditions None

4. FIRST-AID MEASURES

Inhalation Remove to fresh air and keep at rest. Unlikely route of exposure

Skin Contact Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention.

Eye contact Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.

Ingestion If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink

Further Medical treatment Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Oxidising agent In case of fire do not breathe fumes

Extinguishing Media In case of fire keep away from combustible materials, decomposes to form toxic gas

Fire fighting protective equipment Use water spray, CO₂ dry chemical powder or appropriate foam. Wear self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Small spillages Ensure suitable personal protection during removal of spillages. To clean the floor and all objects contaminated with this component use water.

Spill treatment method Not applicable.

7. HANDLING AND STORAGE

Component Part: *F.A.S.T* Immunosticks

HANDLING No precautions necessary
STORAGE Store at 2-8°C

Storage Life Total storage life at recommended conditions 18 months

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respirators Not applicable
Eye protection Splash proof goggles or safety glasses
Gloves Latex or other light weight gloves
Other Lab coat

Occupational exposure limits None set

9. PHYSICAL AND CHEMICAL PROPERTIES

There are no unusual properties. Similar chemical properties as water

Form Liquid
Colour Colourless
Odour Odourless
pH (Value) 7.2
Boiling point (°C) Not Applicable
Flash Point (°C) Not Applicable
Flammable limits Not Applicable
Auto Ignition Temperature (°C) Not Applicable
Specific gravity 1.00

10. STABILITY & REACTIVITY

Stable Under advised storage conditions 18 months

Hazardous reactions Keep away from combustible materials
Hazardous Decomposition On combustion decomposes to form toxic gas
Products

11. TOXICOLOGICAL INFORMATION

Inhalation Unlikely route of exposure
Skin contact Unlikely to cause harmful effects under recommended conditions of handling and use.
The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product
Eye contact Unlikely to cause harmful effects under recommended conditions of handling and use.
May cause eye irritation. May cause inflammation of conjunctiva and cornea.
Ingestion Unlikely to cause harmful effects under recommended conditions of handling and use
Long term exposure Unlikely to cause harmful effects under recommended conditions of handling and use

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

Component Part:***F.A.S.T* Immunosticks**

R and S Phrases

In accordance with EU directive 88/379/EEC, it has been determined that the chemical constituents of this product are classified as having no significant hazard, due to the physical/chemical nature and/or concentrations of the ingredients present.

16. OTHER INFORMATION

This section of data sheet relating to the *F.A.S.T* Immunosticks is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

COMPONENT NAME	F.A.S.T Enzyme Reagent
PRODUCT NUMBERS	502121N (Cow), 502123J (Pig), 502124G (Sheep), 502125E (Poultry), 502122L (Horse).
Address/ Phone No	Neogen Europe Ltd The Dairy School Auchincruive Ayr UNITED KINGDOM, KA6 5HW Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS	25 tubes of species horse radish peroxidase conjugated antibody in phospho buffered saline, containing ANS (<0.05%) and thiomersal (<0.01%).		
CAS No	None assigned for the component		
EC No	None assigned for the component		
Use	For the qualitative determination of raw species content in meat/meat products by immunoassay.		
HAZARDOUS INGREDIENT(S)	CAS No	Symbol	R Phrases
Di-Sodium hydrogen orthophosphate	7558-79-4		
Sodium di-Hydrogen orthophosphate	13472-35-0		
Sodium Chloride	7647-14-5		
Thiomersal	54-64-8	T	
ANS	28836-03-05	Xi	36/37/38
Gelatin	9000-70-8		

3. HAZARDS IDENTIFICATION

Risks	None identified
Special Risk Conditions	None Identified

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air and keep at rest. Unlikely route of exposure
Skin Contact	Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention.
Eye contact	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.
Ingestion	If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink
Further Medical treatment	Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, CO ₂ , dry chemical powder or appropriate foam.
Fire fighting protective equipment	

6. ACCIDENTAL RELEASE MEASURES

Small spillages	Ensure suitable personal protection during removal of spillages. To clean the floor and all objects contaminated with this component use water.
Spill treatment method	Not applicable.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. When using do not eat or drink
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Component Part: **F.A.S.T Enzyme Reagent**

STORAGE Store at 2-8°C
Storage Life Total storage life at recommended conditions 18 months

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respirators Not applicable
Eye protection Splash proof goggles or safety glasses
Gloves Latex or other light weight gloves
Other Lab coat
Occupational exposure limits None set

9. PHYSICAL AND CHEMICAL PROPERTIES

There are no unusual properties. Similar chemical properties as water
Form Liquid
Colour Amber
Odour Odourless
pH (Value) 7.2
Boiling point (°C) Not Applicable
Flash Point (°C) Not Applicable
Flammable limits Not Applicable
Auto Ignition Temperature (°C) Not Applicable
Specific gravity 1.00

10. STABILITY & REACTIVITY

Stable Under advised storage conditions 18 months
Hazardous reactions None known
Hazardous Decomposition Products Not applicable

11. TOXICOLOGICAL INFORMATION

Inhalation Unlikely route of exposure
Skin contact Unlikely to cause harmful effects under recommended conditions of handling and use.
The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product
Eye contact Unlikely to cause harmful effects under recommended conditions of handling and use.
May cause eye irritation. May cause inflammation of conjunctiva and cornea.
Ingestion Unlikely to cause harmful effects under recommended conditions of handling and use
Long term exposure Unlikely to cause harmful effects under recommended conditions of handling and use

12 ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

Component Part:***F.A.S.T* Enzyme Reagent**

R and S Phrases

In accordance with EU directive 88/379/EEC, it has been determined that the chemical constituents of this product are classified as having no significant hazard, due to the physical/chemical nature and/or concentrations of the ingredients present.

16. OTHER INFORMATION

This part of the data sheet relating to the *F.A.S.T* Enzyme Reagent is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

COMPONENT NAME	F.A.S.T Positive Control
PRODUCT NUMBERS	502304E
Address/ Phone No	Neogen Europe Ltd The Dairy School Auchincruive Ayr UNITED KINGDOM, KA6 5HW Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS	1.8mL of species albumin extract in a phospho buffered saline, containing thiomersal (<0.01%)
CAS No	None assigned for the component
EC No	None assigned for the component
Use	For the qualitative determination of raw species content in meat/meat products by immunoassay. For professional use only.

HAZARDOUS INGREDIENT(S)	CAS No	Symbol	R Phrases
Di-Sodium Hydrogen Orthophosphate	7558-79-4		
Sodium Di-Hydrogen Orthophosphate	13472-35-0		
Sodium Chloride	7647-14-5		
Thiomersal	54-64-8	T	
Tween 80	9005-65-6		

3. HAZARDS IDENTIFICATION

Risks	None identified
Special Risk Conditions	None Identified

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air and keep at rest. Unlikely route of exposure
Skin Contact	
Eye contact	
Ingestion	Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention. Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.
Further Medical treatment	If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, CO ₂ dry chemical powder or appropriate foam.
Fire fighting protective equipment	

6. ACCIDENTAL RELEASE MEASURES

Small spillages	Ensure suitable personal protection during removal of spillages. To clean the floor and all objects contaminated with this component use water.
Spill treatment method	Not applicable.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. When using do not eat or drink
STORAGE	Store at 2-8°C

Component Part:**F.A.S.T Positive Control**

Storage Life Total storage life at recommended conditions 12 months

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respirators	Not applicable
Eye protection	Splash proof goggles or safety glasses
Gloves	Latex or other light weight gloves
Other	Lab coat
Occupational exposure limits	None set

9. PHYSICAL AND CHEMICAL PROPERTIES

	There are no unusual properties. The product's characteristics are very similar to water
Form	Liquid
Colour	Colourless
Odour	Odourless
pH (Value)	7.2
Boiling point (°C)	100
Flash Point (°C)	Not Applicable
Flammable limits	Not Applicable
Auto Ignition Temperature (°C)	Not Applicable
Specific gravity	1.0

10. STABILITY & REACTIVITY

Stable	Under advised storage conditions 12 months
Hazardous reactions	None known
Hazardous Decomposition Products	Not applicable

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely route of exposure
Skin contact	Unlikely to cause harmful effects under recommended conditions of handling and use. The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product
Eye contact	Unlikely to cause harmful effects under recommended conditions of handling and use. May cause eye irritation. May cause inflammation of conjunctiva and cornea.
Ingestion	Unlikely to cause harmful effects under recommended conditions of handling and use
Long term exposure	Unlikely to cause harmful effects under recommended conditions of handling and use

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

Component Part:

***F.A.S.T* Positive Control**

R and S Phrases

In accordance with EU directive 88/379/EEC, it has been determined that the chemical constituents of this product are classified as having no significant hazard, due to the physical/chemical nature and/or concentrations of the ingredients present.

16. OTHER INFORMATION

This part of the data sheet relating to the *F.A.S.T* Positive Control is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

COMPONENT NAME	Colour Development Buffer
PRODUCT NUMBERS	502126C
Address/ Phone No	Neogen Europe Ltd The Dairy School Auchincruive Ayr UNITED KINGDOM, KA6 5HW Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS	25 tubes of 0.8mL of citrate buffer.
CAS No	None assigned for the component
EC No	None assigned for the component
Use	For the qualitative determination of raw species content in meat/meat products by immunoassay. For professional use only.

HAZARDOUS INGREDIENT(S)	CAS No	Symbol	R Phrases
Citric Acid	5949-29-1	Xi	36/37/38
Sodium Hydroxide	1310-73-2	C	35
Hydrogen Peroxide	7722-84-1	Xi	36/38

3. HAZARDS IDENTIFICATION

Risks	None identified
Special Risk Conditions	None Identified

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air and keep at rest. Unlikely route of exposure
Skin Contact	Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention.
Eye contact	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.
Ingestion	If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink
Further Medical treatment	Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, CO ₂ dry chemical powder or appropriate foam.
Fire fighting protective equipment	

6. ACCIDENTAL RELEASE MEASURES

Small spillages	Ensure suitable personal protection during removal of spillages. To clean the floor and all objects contaminated with this component use water.
Spill treatment method	Not applicable.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. When using do not eat or drink
STORAGE	Store at 2-8°C
Storage Life	Total storage life at recommended conditions 18 months

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Component Part: **Colour Development Buffer**

Respirators	Not applicable
Eye protection	Splash proof goggles or safety glasses
Gloves	Latex or other light weight gloves
Other	Lab coat
Occupational exposure limits	None set

9. PHYSICAL AND CHEMICAL PROPERTIES

	There are no unusual properties. The product's characteristics are very similar to water
Form	Liquid
Colour	Colourless
Odour	None
pH (Value)	4.0
Boiling point (°C)	100
Flash Point (°C)	Not Applicable
Flammable limits	Not Applicable
Auto Ignition Temperature (°C)	Not Applicable
Specific gravity	Not Applicable

10. STABILITY & REACTIVITY

Stable	Under advised storage conditions 18 months
Hazardous reactions	None known
Hazardous Decomposition Products	Not applicable

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely route of exposure
Skin contact	Unlikely to cause harmful effects under recommended conditions of handling and use. The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product
Eye contact	Unlikely to cause harmful effects under recommended conditions of handling and use. May cause eye irritation. May cause inflammation of conjunctiva and cornea.
Ingestion	Unlikely to cause harmful effects under recommended conditions of handling and use
Long term exposure	Unlikely to cause harmful effects under recommended conditions of handling and use

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

16. OTHER INFORMATION

This part of the data sheet relating to the Colour Development Buffer is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

COMPONENT NAME	ABTS Concentrate
PRODUCT NUMBERS	502178G
Address/ Phone No	Neogen Europe Ltd The Dairy School Auchincruive Ayr UNITED KINGDOM, KA6 5HW Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS	1.6mL of an aqueous solution containing <25% ABTS		
CAS No	None assigned for the component		
EC No	None assigned for the component		
Use	For the qualitative determination of raw species content in meat/meat products by immunoassay. For professional use only.		

HAZARDOUS INGREDIENT(S)	CAS No	Symbol	R Phrases
ABTS	30931-67-0	Xi	36/37/38

3. HAZARDS IDENTIFICATION

Risks	R36/38 – Irritating to eyes and skin
Special Risk Conditions	None Identified

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air and keep at rest. Unlikely route of exposure
Skin Contact	
Eye contact	Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention. Remove any contact lenses. Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.
Ingestion	If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink
Further Medical treatment	Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, CO ₂ dry chemical powder or appropriate foam.
Fire fighting protective equipment	

6. ACCIDENTAL RELEASE MEASURES

Small spillages	Ensure suitable personal protection during removal of spillages. To clean the floor and all objects contaminated with this component use water.
Spill treatment method	Not applicable.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. When using do not eat or drink
STORAGE	Store at 2-8°C
Storage Life	Total storage life at recommended conditions 36 months

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Component Part:**F.A.S.T Accessory Pack – ABTS Concentrate**

Respirators	Not applicable
Eye protection	Splash proof goggles or safety glasses
Gloves	Latex or other light weight gloves
Other	Lab coat
Occupational exposure limits	None set

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	This is an aqueous solution.
Colour	Liquid
Odour	Pale green
pH (Value)	None
Boiling point (°C)	7.0
Flash Point (°C)	100
Flammable limits	Not Applicable
Auto Ignition Temperature (°C)	Not Applicable
Specific gravity	Not Applicable
	1.0

10. STABILITY & REACTIVITY

Stable	Under advised storage conditions 36 months
Hazardous reactions	None known
Hazardous Decomposition Products	Not applicable

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely route of exposure
Skin contact	Unlikely to cause harmful effects under recommended conditions of handling and use. The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product
Eye contact	Unlikely to cause harmful effects under recommended conditions of handling and use. May cause eye irritation. May cause inflammation of conjunctiva and cornea.
Ingestion	Unlikely to cause harmful effects under recommended conditions of handling and use
Long term exposure	Unlikely to cause harmful effects under recommended conditions of handling and use

12. ECOLOGICAL INFORMATION

No information available. The products of degradation are less toxic than the material itself.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport in current form

15. REGULATORY INFORMATION

R and S Phrases	Not classified as Dangerous for Supply/Use in current quantities In accordance with EU directive 88/379/EEC, it has been determined that the chemical constituents of this product are classified as having no significant hazard, due to the physical/chemical nature and/or concentrations of the ingredients present.
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16. OTHER INFORMATION

Component Part:

***F.A.S.T* Accessory Pack – ABTS Concentrate**

This part of the data sheet relating to the ABTS Concentrate is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

COMPONENT NAME	Stop Solution
PRODUCT NUMBERS	502177J
Address/ Phone No	Neogen Europe Ltd The Dairy School Auchincruive Ayr UNITED KINGDOM, KA6 5HW Telephone +44 (0) 1292 525600

2. INFORMATION ON COMPONENTS

CONTENTS	7.0mL of aqueous solution containing <25% Sodium Fluoride		
CAS No	None assigned for the component		
EC No	None assigned for the component		
Use	For the qualitative determination of raw species content in meat/meat products by immunoassay. For professional use only.		
HAZARDOUS INGREDIENT(S)	CAS No	Symbol	R Phrases
Sodium Fluoride	7681-49-4	T	R25/32/36/38

3. HAZARDS IDENTIFICATION

Risks	Toxic if swallowed. Irritating to eyes and skin. Contact with acids liberates very toxic gas. Moisture sensitive
Special Risk Conditions	None Identified

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air and keep at rest. Unlikely route of exposure
Skin Contact	
Eye contact	Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention. Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.
Ingestion	If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink
Further Medical treatment	Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, CO ₂ dry chemical powder or appropriate foam.
Fire fighting protective equipment	

6. ACCIDENTAL RELEASE MEASURES

Small spillages	Ensure suitable personal protection during removal of spillages. To clean the floor and all objects contaminated with this component use water.
Spill treatment method	Not applicable.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. When using do not eat or drink
STORAGE	
Storage Life	Total storage life 36 months.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respirators	Not applicable though may be used if vapours are irritant.
Eye protection	Splash proof goggles or safety glasses
Gloves	Latex or other light weight gloves
Other	Lab coat
Occupational exposure limits (M2P)	2.5mg/m ³ TWA (for pure substance)

9. PHYSICAL AND CHEMICAL PROPERTIES

	There are no unusual properties.
Form	Liquid
Colour	Colourless
Odour	None
pH (Value)	7.4
Boiling point (°C)	Not Applicable
Flash Point (°C)	Not Applicable
Flammable limits	Not Applicable
Auto Ignition Temperature (°C)	Not Applicable
Specific gravity	1.0

10. STABILITY & REACTIVITY

Stable	Under advised storage conditions 36 months.
Hazardous reactions	None known
Hazardous Decomposition Products	Not applicable

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely route of exposure
Skin contact	Unlikely to cause harmful effects under recommended conditions of handling and use. The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product
Eye contact	Unlikely to cause harmful effects under recommended conditions of handling and use. May cause eye irritation. May cause inflammation of conjunctiva and cornea.
Ingestion	Unlikely to cause harmful effects under recommended conditions of handling and use
Long term exposure	Unlikely to cause harmful effects under recommended conditions of handling and use

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION

	Not classified as Dangerous for Supply/Use
R and S Phrases	In accordance with EU directive 88/379/EEC, it has been determined that the chemical constituents of this product are classified as having no significant hazard, due to the physical/chemical nature and/or concentrations of the ingredients present.

16. OTHER INFORMATION

Component Part:

***F.A.S.T* Accessory Packs – Stop Solution**

This part of the data sheet relating to the Stop Solution is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.
