

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

Kanamycin Aesculin Agar

Revision 4
Revision date 2015-07-01

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Kanamycin Aesculin Agar
Product code	LAB106

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Culture Medium.
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1.3. Details of the supplier of the safety data sheet

Company	Lab M Limited
Address	1 Quest Park Moss Hall Road Heywood Lancashire BL9 7JJ UK
Web	www.labm.com
Telephone	+44 (0)161 820 3833
Fax	+44 (0)161 820 5383
Email	info@labm.com
Email address of the competent person	info@labm.com

1.4. Emergency telephone number


Emergency telephone number	+44 (0)161 820 3833 9.00 am - 5.00 pm GMT Mon - Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xn; R22 R52/53 Symbols: Xn: Harmful.
Main hazards	Harmful if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed.

Kanamycin Aesculin Agar

Revision 4

Revision date 2015-07-01

2.2. Label elements

Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P330 - Rinse mouth.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

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.
Ammonium ferric citrate		1185-57-5	214-686-6		1 - 10%	Xi; R36/37/38	
Sodium azide (Sodium azide (as NaN ₃))	011-004-00-7	26628-22-8	247-852-1		0 - 0.5%	T+; R28 R32 N; R50/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ammonium ferric citrate		1185-57-5	214-686-6		1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	
Sodium azide (Sodium azide (as NaN ₃))	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;	

Further information

May be harmful by ingestion, inhalation or if absorbed through the skin.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	If you feel unwell, seek medical advice (show the label where possible). Move the exposed person to fresh air.
Eye contact	If you feel unwell, seek medical advice (show the label where possible). Rinse immediately with plenty of water.
Skin contact	Wash with water.
Ingestion	Rinse mouth thoroughly. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide (CO₂). Dry chemical. Foam. Water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and eye/face protection.

6.3. Methods and material for containment and cleaning up

Clean the area using a vacuum cleaner. Sweep up. Clean spillage area thoroughly with plenty of water.

Kanamycin Aesculin Agar

Revision 4

Revision date 2015-07-01

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Do not breathe dust.
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7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging

	Keep container tightly closed and dry. Store in original container.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Sodium azide (Sodium azide (as Na ₃ N))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 0.1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 0.3
	WEL 8-hr limit mg/m ³ total -	WEL 15 min limit mg/m ³ total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m ³ total -	WEL 15 min limit mg/m ³ total -
	respirable dust:	respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls

	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures

	Wear suitable gloves and eye/face protection. Wear suitable protective clothing.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Cream
Odour	Characteristic
Odour threshold	Not applicable.
pH	6.8 - 7.2
Melting point	Not applicable.
Freezing Point	Not applicable.
Initial boiling point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Fat Solubility	Not applicable.
Partition coefficient	Not applicable.
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water

9.2. Other information

Kanamycin Aesculin Agar

Revision 4

Revision date 2015-07-01

9.2. Other information

Conductivity	Not applicable.
Surface tension	Not applicable.
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Avoid contact with: Oxidising agents.

10.2. Chemical stability

Stable under normal conditions. Hygroscopic.

SECTION 11: Toxicological information

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.3. Bioaccumulative potential

Partition coefficient

Kanamycin Aesculin Agar Not applicable.

SECTION 13: Disposal considerations

Disposal methods

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:
 2 - 2.1. Classification of the substance or mixture.
 2 - 2.1.2. Classification - EC 1272/2008.
 2 - Hazard pictograms.

Kanamycin Aesculin Agar

Revision 4

Revision date 2015-07-01

Other information

	<p>2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 9 - 9.1. Information on basic physical and chemical properties (PH). 11 - 11.1.4. Toxicological Information. 12 - 12.1. Toxicity. 15 - Labelling. 15 - Risk phrases.</p>
<p>Text of risk phrases in Section 3</p>	<p>R28 - Very toxic if swallowed. R32 - Contact with acids liberates very toxic gas. R36/37/38 - Irritating to eyes, respiratory system and skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
<p>Text of Hazard Statements in Section 3</p>	<p>Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. 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.</p>
<p>Further information</p>	
	<p>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.</p>