



Mascia Brunelli S.p.A.

Revision nr. 0

Dated 29/08/2024

**271030U – SALMONELLA RAPID LATEX
TEST**

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SAFETY DATA SHEET

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

1.1 Product identifiers

Code: **271030U**
Product name: **SALMONELLA RAPID LATEX TEST**

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

Identified use: **This product is intended for rapid slide agglutination test for the confirmatory identification of presumptive *Salmonella* colonies from selective agar plates.**

Sectors of use: **professional use, not for clinical diagnostic use**
Use advised against: **do not use for purposes other than those listed**

1.3 Details of the supplier of the safety data sheet

Name: **Mascia Brunelli S.p.A.**
Full address: **Viale Monza, 272**
District and Country: **20128 Milano (Milano)
Italia**

Tel. **0039 02 252091**

e-mail address of the competent person,

responsible for the Safety Data Sheet

mktg@masciabrunelli.it

1.4 Emergency telephone number

For urgent inquiries refer to

NHS111 in England: 111
NHS24 in Scotland: 111
NHS Direct in Wales: 111 or 0845 4647
In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) N. 1272/2008:

The product is classified as not hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: --

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3 Other hazards

See PBT and vPvB assessment results in section 12.5

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

SECTION 3: Composition/information on ingredients

**271030U – SALMONELLA RAPID LATEX
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Not applicable

3.2 Mixtures

The product consist of: Salmonella Latex REAG TEST S1; Salmonella Control +; Sample diluent saline 0,85%. All the reagents contain 0,099% sodium azide and non-hazardous components.

Identification	x = Conc. %	Classification 1272/2008 (CLP)
Sodium azide		
CAS 26628-22-8	0,099%	Acute Tox 2, H300
EC 247-852-1		Acute Aquatic 1, H400
REACH – No.: --		Chronic Aquatic 1, H410
INDEX 011-004-00-7		EUH032

See full text of H-phrases in section 16.

The product does not contain Substances of Very High Concern (SVHC).

SECTION 4: First aid measures**4.1. Description of first aid measures**

General information: In case of accident or feeling sick immediately consult a physician. Show this safety data sheet or the product label to the doctor in attendance!

Eye-washing and skin-washing facilities should be available at the workplace for specific and immediate treatment.

Following ingestion: if chemical has been swallowed, wash out mouth with water. Do not swallow mouthwash. Seek medical advice.

Following inhalation: move to fresh air.

Following skin contact: wash immediately with soap and plenty of water. In case of irritation consult a physician.

Following eye contact: rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

SECTION 5: Firefighting measures**5.1. Extinguishing agents**

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: Dry powder. Carbon dioxide. Sand.

UNSUITABLE EXTINGUISHING EQUIPMENT

Not known.

5.2. Special hazards arising from the substance or mixture

This material is non-flammable. Thermal decomposition can lead to release of irritating gases and vapour.

5.3. Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus pressure-demand and full protective gear. Collect contaminated firefighting water separately. It must not enter the sewage system. It should be disposed of according to local regulations.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Ensure adequate ventilation. Wear appropriate personal protective equipment. Wear disposable vinyl/nitrile gloves. Avoid contact with skin, eyes and clothing.

For emergency personnel

Ensure adequate ventilation. Wear appropriate personal protective equipment. Wear disposable vinyl/nitrile gloves. Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Should not be released into the environment. Do not let it enter into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent (dry earth, sand or other non-combustible material) material. Disposal: see section 13. Clean contaminated surface thoroughly. Properly disinfect any spills. Test specimens require decontamination with bleach solution or appropriate germicide prior to pick up.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For professional use only. Read the Instructions for Use. Always follow Good Laboratory Practice when using this product. Avoid contact with eyes, skin and clothing.

Advice on protection against fire and explosion: Normal measures for preventive fire protection

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep product at 2-8°C. under these conditions reagents will retain their activity until the expiry date shown on the label on outer carton.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CAS#	Chemical Name	Limits short term	Limits 8 h
26628-22-8	Sodium Azide	0.3 mg/m ³	0.1 mg/m ³
Austria		0.3 mg/m ³	0.1 mg/m ³
Belgium		0.3 mg/m ³ (1)(2)(3)	0.1 mg/m ³ (1)(2)
Denmark		0.2 mg/m ³ (1)(2)	0.1 mg/m ³ (1)
European Union		0.3 mg/m ³ (1)	0.1 mg/m ³
Finland		0.3 mg/m ³ (1)	0.1 mg/m ³
France		0.3 mg/m ³ (1)	0.1 mg/m ³
Germany (AGS)		0.4 mg/m ³ (1)	0.2 mg/m ³ (1)
Germany (DFG)		0.4 mg/m ³ (1)(2)	0.2 mg/m ³ (1)
Hungary		0.3 mg/m ³ (1)	0.1 mg/m ³
Ireland		0.3 mg/m ³ (1)	0.1 mg/m ³

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Italy	0.3 mg/m ³ (1)(2)	0.1 mg/m ³ (1)
Latvia	0.3 mg/m ³ (1)	0.1 mg/m ³
New Zealand	0.29 mg/m ³ (1)	0.11 mg/m ³ (1)
Norway	0.3 mg/m ³ (1)	0.1 mg/m ³
Poland	0.3 mg/m ³ (1)(2)	0.1 mg/m ³ (1)
Romania	0.3 mg/m ³ (1)	0.1 mg/m ³
Spain	0.3 mg/m ³ (1)(2)	0.1 mg/m ³ (1)
Sweden	0.3 mg/m ³ (1)	0.1 mg/m ³
Switzerland	0.4 mg/m ³ inhalable aerosol	0.2 mg/m ³ inhalable aerosol
The Netherlands	0.3 mg/m ³ (1)(2)	0.1 mg/m ³ (1)
United Kingdom	0.3 mg/m ³ (1)(2)	0.1 mg/m ³ (1)

Denmark	(1) Skin (2) 15 minutes average value
European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV)
Finland	(1) 15 minutes average value
France	Bold type: Restrictive statutory limit values Skin (1) 15 minutes average value
Germany (AGS)	(1) 15 minutes average value
Germany (DFG)	(1) Inhalable fraction (2) 15 minutes average value
Hungary	(1) 15 minutes average value
Ireland	(1) 15 minutes reference period
Italy	(1) Skin (2) 15 minutes average value
Latvia	(1) 15 minutes average value
New Zealand	(1) Ceiling limit value
Norway	(1) 15 minutes average value
Poland	(1) Skin (2) 15 minutes average value
Romania	(1) 15 minutes average value
Spain	(1) Skin (2) 15 minutes average value
Sweden	(1) 15 minutes average value
The Netherlands	(1) Skin (2) 15 minutes average
United Kingdom	(1) Skin (2) 15 minutes average value

Recommended monitoring procedures: Methods for measurement of the workplace atmosphere have to correspond to the requirements of norms DIN EN 482 and DIN EN 689

8.2 Exposure controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Caution is necessary to prevent skin contact, eye contact, cloth contact and spilling into the floor.

5/2020. (II. 6.) ITM decree on the protection of the health and safety of workers exposed to chemical pathogenic factors, pursuant to Section 11(2) in the case of hazardous substances not regulated by limit values, the employer is obliged to reduce the level of exposure to the lowest level expected according to scientific and technical standards, at which level, according to the current state of science, the dangerous substance has no health-damaging effect. When using in an open system, use local exhaust where possible. If local extraction is not possible or is insufficient, adequate ventilation of the work area must be ensured.

General protective and hygienic measures

Do not eat, drink or smoke when using this product.
Wash hands after using the product.

Appropriate engineering controls

Handle in a fume cupboard or under local exhaust ventilation.

Individual protection measures, such as personal protective equipment:



a) eye/face protection

Safety eyewear or face protection complying with an approved standard (European Standard EN 166) should be used. Safety glasses with shields.

b) skin protection

- hand protection: Chemical-resistant, impervious gloves complying with an approved standard (European Standard EN374) should be worn at

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all times when handling chemical products if a risk assessment indicates this is necessary.

- other: body protection: Laboratory coat.

c) respiratory protection

Respiratory protection is not required under normal and intended conditions of use.

d) thermal hazards: None.

Environmental exposure controls

Do not let product enter drains.

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided above, is based upon intended, normal usage. If there is different than normal usage of the material it is advised to consult a safety specialist about the type of personal protective equipment and other actions that should be taken.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Properties	Value	Information
Appearance	Aqueous suspension (REAG TEST S1); Suspension (Control +); clear solution (SAMPLE DILUENT)	
Colour	Milky white (REAG TEST S1); Clear/off white (Control +); clear (SAMPLE DILUENT)	
Odour	Not available	
Melting point / freezing point	Not available	
Initial boiling point	Not available	
Flammability	Not flammable	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	Not available	
Auto-ignition temperature	Not available	
pH	Not available	
Kinematic viscosity	Not available	
Solubility	Not available	
Partition coefficient: n-octanol/water	Not available	
Vapour pressure	Not available	
Density and/or relative density	Not available	
Relative vapour density	Not available	
Particle characteristics	Not available	

9.2. Other information**9.2.1. Information with regard to physical hazard classes**

Not classified.

9.2.2. Other safety characteristics

no information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available.



10.2. Chemical stability

Stable under recommended storage conditions. Do not use after stated expiry date. Store at 2-8°C.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Avoid contact with lead or copper plumbing.

10.6. Hazardous decomposition products

None at recommended storage conditions and use.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

- (a) acute toxicity: no information available.
- (b) skin corrosion/dermal irritation: no information available.
- (c) severe ocular damage/eye irritation: no information available.
- (d) respiratory or skin sensitization: no information available.
- (e) germ cell mutagenicity: no information available.
- (f) carcinogenicity: no information available.
- (g) reproductive toxicity: no information available.
- (h) specific target organ toxicity (STOT) single exposure: no information available.
- (i) specific target organ toxicity (STOT) repeated exposure: no information available.
- (j) aspiration hazard: no information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

11.2.2. Other information

No data available.

SECTION 12: Ecological information

Do not allow product to reach surface water, waterways or soil.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.



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12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of contents in accordance with local/regional/national/international regulations.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Packaging disposal:

Dispose of container in accordance with local/regional/national/international regulations.

Physical, chemical properties, which could influence waste management:

No information available.

Sewage disposal-relevant information:

No information available.

SECTION 14: Transport information

14.1. UN number or ID number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable



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SECTION 15: Regulatory information

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

EU Regulations:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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.

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, Authorization and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) No 348/2013 of 17 April 2013 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance)

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16: Other information

Abbreviations and acronyms:

ATE: Acute Toxicity Estimate. PBT: persistent, bioaccumulative and toxic. vPvB: very persistent, very bioaccumulative. LD50 lethal dose, LC50 Lethal concentration. EC50 Effective concentration. EWC: European Waste Catalog. IARC: International Agency for Research on Cancer. RTECS: Registry of Toxic Effects of Chemical Substances. VOC: Volatile Organic Carbon. PNEC: Predicted no effect concentration. LFL: Lower Inflammatory Limit. UFL: Upper Flammability Limit. LEL lower explosion limit. UEL: Upper explosion limit. STOT: Specific Target Organ Toxicity. LDLo Lethal dose, low. IC50: Inhibitory concentration. SVHC: Substances of very high concern. NOAEL: No-observed-adverse-effect level. LOAEL: Lowest-observed-adverse-effect level

Description of the hazard statements exposed to point 2 and 3:

H300 Fatal if swallowed.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH032 Contact with acids liberates very toxic gas.

Precautionary statements:

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Recommended restrictions on use:

This product is intended to be used for laboratory use only by technical staff trained in microbiological techniques. Classification and labelling have been performed according to CLP Regulations.

Read the Instructions for Use for further information on limitations of use.

This Safety Data Sheet was prepared on the basis of documentation provided by the manufacturer and complies with the requirements of Regulation (EC) No. 878/2020

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.