

1M Tris Acetate Buffer, pH 8.0, sterile

#Cat: NB-19-0081-100 ml Size: 100 ml

#Cat: NB-19-0081-500 ml Size: 500 ml

Section 1. Identification Of The Substance/Mixture And Of The Company / Undertaking**1.1 Product identifier**

Trade name: 1M Tris Acetate Buffer, pH 8.0, sterile

Product no.: NB-19-0081-100ML

NB-19-0081-500ML

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

Product use: Research Use Only (RUO) or further manufacturing

1.3 Details of the Supplier of the safety data sheet:

Company: NEO BIOTECH
74 Rue des Suisses
92000 Nanterre
France
Tel: +33 9 77 40 09 09
E-mail: tech@neo-biotech.com

1.4 Emergency telephone number: European (EU) emergency number: 112
American (USA) emergency number: 911
CHEMTREC emergency number:
North America +1-800-424-9300 (toll free)
Asia emergency number: 110 Australia emergency number: 000
All numbers are available 24/7/365

Section 2. Hazards Identification**2.1 Classification of the substance or mixture according to CLP no. 1272/2008.**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label elements CLP no.**1272/2008: Hazard pictograms: None****Signal word: None****Hazard statements:**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Precautionary statements:

Prevention:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Response:

None.

Storage:
None.

Disposal:
P501 Dispose of contents/ container in accordance with national regulations.

Additional labeling:

None.

2.3 Other Hazards.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3. Composition/Information On Ingredients

3.2 Mixture:

No components need to be disclosed according to the applicable regulations.

3.3 Additional information:

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

Section 4. First Aid Measures

4.1 Description of first aid measures:

General information:

Consult a doctor and show this safety data sheet.

Inhalation:

Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.

Skin contact:

Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.

Eye contact:

After eye contact: rinse out with plenty of water. Remove contact lenses.

Ingestion:

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

Treat symptomatically. If in contact with doctor, bring this safety data sheet with you.

Section 5. Fire Fighting Measures

5.1 Extinguishing media:

Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media:

None known.

5.2 Special hazards arising from the substance or mixture:

Carbon oxides

Nitrogen oxides (NOx)
Hydrogen chloride gas
Not combustible.
Ambient fire may liberate hazardous vapors.

5.3 Advice for firefighters: In the event of fire, wear self-contained breathing apparatus.

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

6.2 Environmental precautions:

Do not let product enter drains.

6.3 Methods and material for containment and cleaning up:

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Then rinse the spillage site with plenty of water. Larger spills are to be absorbed with sand, earth or similar materials. Collected material is disposed of in accordance with section 13.

6.4 Reference to other sections:

See section 8 and 13 for further information.

Section 7. Handling And Storage

7.1 Precautions for safe handling:

Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use. Keep in a dry place.

Keep out of the reach of children.

Storage class (TRGS 510): 12: Non-Combustible Liquids

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL: /

PNEC: /

8.2 Exposure controls

Appropriate technical

measures:

Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

**General information /
Hygiene measures:**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Make sure that eyewash is clearly marked. Avoid contact with eyes and skin. Avoid breathing vapor.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Recommended Filter type: Filter type P2

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Hand protection:

It is not required.

Eye protection:

Wear eye protection. EN 166.

Body protection:

Wear appropriate protective clothing.

Measures to avoid environmental exposure:

Do not let product enter drains.

Section 9. Physical And Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: Liquid	Color: Colorless	Odor: -	PH: 8.0	Viscosity: -
Flashpoint: Not applicable	Boiling point: -	Vapor pressure: -	Density: -	Melting point: -
Thermal decomposition: -	Auto-ignition: Not applicable	Explosive limits -	Solubility in water: At 20 °C soluble	

9.2 Other information:

No data available.

Section 10. Stability And Reactivity

10.1 Reactivity: No data available.

10.2 Chemical stability: The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions:

With generally known reaction partners of water.

- 10.4 Conditions to avoid:** No data available.
- 10.5 Incompatible materials:** No data available.
- 10.6 Hazardous decomposition products:**
In the event of fire: see section 5.

Section 11. Toxicological Information

11.1 Information on Toxicological effects:

- Acute toxicity:** Oral: No data available
Inhalation: No data available
Dermal: No data available
- Skin corrosion/irritation:** No data available.
- Serious eye damage/irritation:** No data available.
- Respiratory or skin sensitisation:** No data available.
- Germ cell mutagenicity:** No data available.
- Carcinogenicity:** No data available.
- Reproductive toxicity:** No data available.
- Specific target organ toxicity - single exposure:** No data available.
- Specific target organ toxicity – repeated exposure:** No data available.
- Aspiration hazard:** No data available.

11.2 Additional information:

- Endocrine disrupting properties** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.
- Other information** There is no additional information.

Section 12. Ecological Information

- 12.1 Toxicity:** No data available.
- 12.2 Persistence and degradability:** No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Result of PBT and vPvB assesment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects:

Discharge into the environment must be avoided.

Section 13. Disposal Considerations
13.1 Waste treatment methods:

Must be disposed of in accordance with local and national regulations.

Section 14. Transport Information

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number	-	-
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards - MP	No -	No -
Other information	LQ: - TUNNEL: -	LQ: - TUNNEL: -

14.6 Special precautions for user:

Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

None.

Section 15. Regulatory Information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Sources:

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Additional information: None

15.2 Chemical safety assessment:

Chemical safety assessments have not been performed for this product.

Section 16. Other Information

Abbreviations and Acronyms:

DNEL = Derived No Effect Level

PNEC = Predicted No Effect Concentration

Full text of H-phrases as mentioned in section 3:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children

P501 Dispose of contents/ container in accordance with national regulations.

Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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