

**1. Identification of the Substance/Preparation and of the Company/undertaking**

Trade name and synonyms Buffer Kit 2DGels Flatbed SDS Buffers	Manufacturer gelcompany GmbH Paul-Ehrlich-Straße 17 D-72076 Tübingen Emergency telephone number : +49 (0)7071 257030	
Catalogue No. 1019-19/20 and from 1002-03 to 1002-07, 1002-13	CAS No. Prod	
Description Preparation	Area of Application: Product Use:	Industrial Application. Analytical chemistry. Research use only.

2. Composition/Information on Ingredients

Chemical family Tris(hydroxymethyl)-aminomethane (TRIS), Sodiumdodecylsulphate (SDS)
Appearance and Odour Liquid, no odour

Principal hazardous component(s)	CAS - No. Comp	Conc. (%)	Classification
TRIS EC-No 201-064-4	77-86-1	1-5	Xi;R36/38
SDS EC-No 205-788-1	151-21-3	0,5	Xn;R 22 Xi;R36/38

3. Hazards Identification

Routes of entry	Effects of Occupational Overexposure
Inhalation Eye contact Skin contact Ingestion	

4. First-Aid Measures

Inhalation: Eyes: Skin: Ingestion:	Rinse immediately with plenty of water Wash off with water Wash out mouth with water and if conscious give water to drink
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5. Fire-Fighting Measures

Extinguishing media Carbon dioxide, dry chemicals or water spray

Special fire fighting procedures
None.

Unusual fire and explosive hazards
None

6. Accidental Release Measures

Steps to be taken if material is released or spilled
Wipe up and place in containers for disposal. Clean spill area with detergent and water.

7. Handling and Storage

Precautions to be taken in handling and storage etc
Store at +4 - +8 °C. Do not freeze.

8. Exposure Controls/Personal Protection

Exposure limit
Not established.

Ventilation requirements
Normal ventilation

Special personal protection equipment
None

Respiratory
None

Eye
Safety goggles

Hand protection
Gloves

Other clothing or equipment
None

9. Physical and Chemical Properties

Formula N/A (Not applicable)	Vapour pressure N/A	Melting point N/A
Boiling point 760 mm Hg N/A	Molecular weight N/A	Flash point N/A
Specific gravity N/A	Solubility in water Soluble	

10. Stability and Reactivity

Stability (normal conditions) Stable	Hazardous polymerization Will Not Occur	Conditions to avoid None
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Incompatibility materials to avoid
Avoid contact with oxidizing agents

Hazardous decomposition products
Decomposes at 700 °C to amines and amides

11. Toxicological Information

Toxicity Information
TRIS: LD50 (rat, oral) 5900 mg/kg, SDS: LD50 (rat, oral) 1288 mg/kg

12. Ecological Information

Biodegradability: TRIS: Readily SDS: Readily

13. Disposal Considerations

Waste disposal method
Dispose as per local, state or federal regulations

14. Transport Information

UN-No Not listed	ADR/RID DGR	Class	Compound No	Packing Group
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Dangerous goods No		
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15.Regulatory Information

EU 67/548/EEC and 1999/45/EC

16.Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Enquiries regarding MSDS Content should be directed to:

gelcompany office.

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