

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

Trade name and synonyms ETC Electrophoresis Buffer Systems	Manufacturer ETC, GmbH
Catalogue No. Different	CAS No. Prod
Description All buffers for ETC electrophoresis gels	

**2. Composition/Information on Ingredients**

Chemical family Biological buffer compounds
Appearance Coloured and colourless buffer solutions

Principal hazardous component(s)	CAS - No. Comp	Conc. (%)	Classification
N/A			

**3. Hazards Identification**

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

**4. First-Aid Measures**

Inhalation: Eyes:  Skin: Ingestion:	Remove from exposure if this comfort persists, obtain medical attention Wash thoroughly with water for 15 min. If this comfort persists, obtain medical attention. 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.
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**7. Handling and Storage**

Precautions to be taken in handling and storage etc Store at room temperature.
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**8. Exposure Controls/Personal Protection**

Exposure limit Not established.
Ventilation requirements Normal ventilation
Special personal protection equipment None
Respiratory None
Eye Safety goggles
Gloves None
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 100°C	Molecular weight N/A	Flash point N/A
Specific gravity N/A	Solubility in water (% by wt at 20° C) The buffers are aqueous solutions	

**10. Stability and Reactivity**

Stability (normal conditions) Stable	Hazardous polymerization Will Not Occur	Conditions to avoid None
Incompatibility materials to avoid Avoid contact with oxidizing agents		
Hazardous decomposition products Decomposes at 700 °C to ammonia, carbon dioxide, carbon monoxide		

**11. Toxicological Information**

Toxicity Information
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**12. Ecological Information**

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**13. Disposal Considerations**

Waste disposal method Dispose as per local, state or federal regulations
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**14. Transport Information**

UN-No	ADR/RID DGR	Class	Compound No	Packing Group
Not listed				
Dangerous goods No				

**15. Regulatory Information**

None
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**16. Other Information**

None
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