

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

Trade name and synonyms CleanGels	Manufacturer ETC, GmbH
Catalogue No. Different	CAS No. Prod
Description CleanGels used with DNA buffers	

**2. Composition/Information on Ingredients**

Chemical family Polyacrylamide
Appearance and Odour Translucent gels, no colour, no odour

Principal hazardous component(s) Acrylamide EG-No201-173-7 (Propenamamide)	CAS - No. Comp 79-06-1	Conc. (%) <0.1	Classification T, Xn, Xi R 45-46-20/21- 25-36/38-43-48 23/24/25-62
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**3. Hazards Identification**

Routes of entry Inhalation Eye contact Skin contact Ingestion	Effects of Occupational Overexposure
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**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 CleanGels at - 20°C.
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**8. Exposure Controls/Personal Protection**

Exposure limit Not established. (Comp: Acrylamide 0.03 mg/m <sup>3</sup> , TLV Sweden)
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 N/A	Molecular weight N/A	Flash point N/A
Specific gravity N/A	Solubility in water (% by wt at 20° C) Gels insoluble	

**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 nitriles, amines, amides, pyridine and pyrrolidine.		

**11. Toxicological Information**

Toxicity Information Acrylamide: LD50 (rat,oral) 124 mg/kg, (rat,skin) 400 mg/kg, (rat inhalation) >1,5 mg/l 4h
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**12. Ecological Information**

100% Acrylamide LC50 < 35 - 98 mg/ml water
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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 Not listed	ADR/RID DGR	Class	Compound No	Packing Group
Dangerous goods No				

**15. Regulatory Information**

None
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**16. Other Information**

None
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