

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

Trade name and synonyms FocusGels and DNAGels	Manufacturer gelcompany GmbH Paul-Ehrlich-Straße 17 D-72076 Tübingen Emergency telephone number : +49 (0)7071 257030	
Catalogue No. From 1006-01 to 1006-18	CAS No. Prod	
Description Ready-To-Use gels	Area of Application: Product Use:	Industrial Application. Analytical chemistry. Research use only

2. Composition/Information on Ingredients

Chemical family Polyacrylamide
Appearance and Odour Translucent gels, no odour. FocusGels: No colour, DNAGels bluish

Principal hazardous component(s) Acrylamide EC-No201-173-7 (Propenamamide)	CAS - No. Comp 79-06-1	Conc. (%) <0.01	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:	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 to +8°C. Do not freeze.

8. Exposure Controls/Personal Protection

Exposure limit
Not established. (Comp: Acrylamide 0.03 mg/m³, TLV Sweden)

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 (% 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

12. Ecological Information

100% Acrylamide LC50 < 35 - 98 mg/ml water

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
Dangerous goods No				

15.Regulatory Information

None

16.Other Information

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