

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

Trade name and synonyms Focus- / DNAGels	Manufacturer ETC, GmbH
Catalogue No. Different	CAS No. Prod
Description Ready-To-Use gels	

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 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
---	---------------------------	-------------------	--

3. Hazards Identification

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

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
---	--

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/m ³ , 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
--

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

None

The information is given in good *faith*, being based on the latest knowledge available to ETC GmbH. ETC disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any incidental or consequential damage resulting from reliance on the information given above.