

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

Trade name and synonyms 2DGels Flatbed / Lämmli / DALT 1DGels Flatbed	Manufacturer gelcompany GmbH Paul-Ehrlich-Straße 17 D-72076 Tübingen <b>Emergency telephone number :</b>  <b>+49 (0)7071 257030</b>	
Catalogue No. From 1019-01 to 1019-18 and 1019-21 to 1019-34	CAS No. Prod	
Description Ready-To-Use gels	<b>Area of Application:</b> <b>Product Use:</b>	Industrial Application. Analytical chemistry. Research use only.

**2. Composition/Information on Ingredients**

Chemical family Polyacrylamide, Tris(hydroxymethyl)-aminomethane, Sodiumdodecylsulphate,
Appearance and Odour Translucent gels, no odour

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 - +8°C. Do not freeze.

**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

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**

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.**

**For research use only. Not for drug, household or any other use.**