

Material Safety Data Sheet

1. Identification of the substance/preparation and of the company/undertaking

- Product name:
 iD PAGE Gels 4-20%,10 wells - iD PAGE Gels 4-20%,12 wells - iD PAGE Gels 4-20%,15 wells
 iD PAGE Gels 4-12%,10 wells - iD PAGE Gels 4-12%,12 wells - iD PAGE Gels 4-12%,15 wells
 iD PAGE Gels 8-16%,10 wells - iD PAGE Gels 8-16%,12 wells - iD PAGE Gels 8-16%,15 wells
 iD PAGE Gels 12%,10 wells - iD PAGE Gels 12%,12 wells - iD PAGE Gels 12%,15 wells
 iD PAGE Gels 10%,10 wells - iD PAGE Gels 10%,12 wells - iD PAGE Gels 10%,15 wells
 iD PAGE Gels 8%,10 wells - iD PAGE Gels 8%,12 wells - iD PAGE Gels 8%,15 wells
- Catalog number:
 ID-PA4201-010, ID-PA4201-012, ID-PA4201-015
 ID-PA4121-010, ID-PA4121-012, ID-PA4121-015
 ID-PA8161-010, ID-PA8161-012, ID-PA8161-015
 ID-PA0121-010, ID-PA0121-012, ID-PA0121-015
 ID-PA0101-010, ID-PA0101-012, ID-PA0101-015
 ID-PA0081-010, ID-PA0081-012, ID-PA0081-015
- Manufacturer/Supplier: Eurogentec S.A.
 Parc Scientific du Sart Tilman
 4102 Seraing
 Belgium
 Tel. +32-4-3727400
 Fax.+32-4-3727500
- Further information obtainable from: Eurogentec Helpdesk
 Tel. +32-4-3727665
- Information in case of emergency: Please contact the regional Eurogentec representation in your country or Eurogentec S.A. directly.
- MSDS-Nr.: MSDS-ID-PA-V1

2. Composition/information on ingredients

Acrylamide	Formula: C ₃ H ₅ NO
Bis-Acrylamide	Formula: C ₇ H ₁₀ N ₂ O ₂
Bis-Tris	Formula: C ₈ H ₁₉ NO ₅
Ammonium persulfate	Formula: (NH ₄) ₂ S ₂ O ₈
Glycerol	Formula: C ₃ H ₈ O ₃
EDTA	Formula: C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O

3. Hazards identification

	Acrylamide	Bis-Acrylamide	Bis-Tris	Ammonium persulfate
HMIS Rating				
Health	2	2	1	2
Flammability	1	0	1	1
Reactivity	2	1	0	0
NFPA Rating				
Health	3	2	1	2
Flammability	2	0	1	1
Reactivity	2	1	0	0

For additional information on toxicity, please refer to Section 11.

Printing Date: 03/10/2014

Reviewed on : 03/10/2014

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 Fax. : +32 4 372 75 00 -info@eurogentec.com - www.eurogentec.com

4. First-aid measures

- After inhalation: Fresh air. Consult a doctor in case of complaints or if breathing becomes difficult.
- After skin contact: Wash off under running water at least for 15 min. Remove contaminated clothing.
- After eye contact: Rinse out with plenty of water at least for 15 min. Consult eye specialist.
- After swallowing: Make victim drink plenty of water. Administer activated charcoal. Consult a doctor if feeling unwell.

5. Fire-fighting measures

- Suitable extinguishing agents: Water, CO₂, powder or appropriate foam.
- Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- Specific Hazard(s) Emits toxic fumes under fire conditions

6. Accidental release measures

- Person-related safety precautions: Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves
- Measures for environmental protection: Ensure adequate ventilation. Do not allow product to reach sewage system or any water course.
- Measures for cleaning/collection: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete..

7. Handling and storage

- **Handling:**
- Information for safe handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
- Information about fire: Not required
- **Storage:**
- Requirements to be met by storerooms and receptacles: No further requirements
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: 4°C
- Class according to regulation on flammable Liquids: Void.

8. Exposure controls/personal protection

- Additional information about design of technical facilities: Mechanical exhaust required
- Ingredients with limit values that require monitoring at the workplace: No MAC value determined. Risk of skin absorption.
- Personal protective equipment:
- General protective and hygienic measures: The usual precautionary measures are to be adhered when handling chemicals
- Respiratory protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection

- Protection of hands: from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) respirator.
Protective chemical-resistant gloves, Wash thoroughly after handling
- Eye protection: Protective goggles

9. Physical and chemical properties

- Form: Liquid solution/gel
- Color: Colorless
- Change in condition
 - Melting point/range: Not available
 - Boiling point/range: Not available
- Flash point: Not applicable
- Self-igniting: Not available
- Danger of explosion: Not available
- Density: Not available
- PH: 6.4
- Water content: 76%-92%

10. Stability and reactivity

Stability	
Stable	Stable
Hazardous Decomposition Products	
Hazardous Decomposition Products	carbon dioxide, nitrogen oxides, sulfide..

11. Toxicological information

- Acute toxicity: -
- Primary irritant effect: -
- On the skin: May cause skin irritation, may be harmful if absorbed through skin
- Inhalation: Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.
- Ingestion: May be harmful if swallowed
- Additional toxicological information: The product should be handled with the usual care when dealing with chemicals.

12. Ecological information

- General notes: The product itself and its products of degradation are not toxic.

13. Disposal considerations

- Product:
- Recommendation: Dispose as special waste in compliance with official regulations. Do not allow product to reach sewage system.
- Uncleaned packaging:
- Recommendation: Dispose in compliance with official regulations.

14. Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -

- Maritime transport IMDG:

Printing Date: 03/10/2014

Reviewed on : 03/10/2014

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- IMDG Class: -
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: No hazardous for Air Transport

15. Regulation information

- Labeling according to EU guidelines: Not available
- Symbol -
- R-phrases -
- S-phrases -

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.