### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
  - **Trade name:** Bio-Gel® P-2 Gel
  - **Article number:** 1504114, 1504118, 1504119, 1504115, 1504116, 1500130
  - **CAS Number:** 25034-58-6
  - **Index number:** 585-580-00-X
- **Relevant identified uses of the substance or mixture and uses advised against**
  - **Application of the substance / the preparation** Laboratory chemicals
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Bio-Rad Laboratories Ltd.
    Bio-Rad House
    Maxted Road
    Hemel Hempstead,
    Herts HP2 7DX
    United Kingdom phone: 0800 181134 fax: 020-8328-2550
  - **e:mail contact:** techsupport.uk@bio-rad.com
  - **Information department:** Technical services, customer support.
    techsupport.uk@bio-rad.com
  - **Emergency telephone number:** 020-8328-2000

### 2 Hazards identification

- **Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
    The substance is not classified according to the CLP regulation.
  - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Void
- **Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void
  - **Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description:**
  25034-58-6 Polyacrylamide-co-methylene-bis-acrylamide
- **Identification number(s):**
- **Index number:** 585-580-00-X

(Contd. on page 2)
4 First aid measures

· Description of first aid measures
  - General information No special measures required.
  - After inhalation Supply fresh air; consult doctor in case of complaints.
  - After skin contact Generally the product does not irritate the skin.
  - After eye contact Rinse opened eye for several minutes under running water.
  - After swallowing Induce vomiting and call for medical help.
  - Information for doctor
    - Most important symptoms and effects, both acute and delayed No further relevant information available.
    - Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Firefighting measures

· Extinguishing media
  - Suitable extinguishing agents
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - Special hazards arising from the substance or mixture No further relevant information available.
  - Advice for firefighters
  - Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  - Wear protective equipment. Keep unprotected persons away.
  - Environmental precautions: No special measures required.
  - Methods and material for containment and cleaning up: Pick up mechanically.
  - Reference to other sections No dangerous substances are released.

7 Handling and storage

· Handling
  - Precautions for safe handling
    No special measures required.
    Prevent formation of dust.
    No special precautions are necessary if used correctly.
  - Information about protection against explosions and fires: No special measures required.
  - Conditions for safe storage, including any incompatibilities
    - Storage
      - Requirements to be met by storerooms and receptacles: According to product specification
      - Information about storage in one common storage facility: Not required.
      - Further information about storage conditions: None.
8 Exposure controls/personal protection

- **Specific end use(s)** No further relevant information available.

### 8.1 Additional information about design of technical systems

- No further data; see item 7.

### 8.2 Control parameters

- Components with limit values that require monitoring at the workplace: Not required.

### 8.3 Additional information

- The lists that were valid during the creation were used as basis.

### 8.4 Exposure controls

#### Personal protective equipment

- General protective and hygienic measures
  
  The usual precautionary measures should be adhered to when handling chemicals.

- Breathing equipment:
  
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- Protection of hands: Protective gloves.

- Material of gloves: Synthetic gloves

- Penetration time of glove material
  
  The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection: Safety glasses

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

  - General Information
    
    - Form: Solid material.
    - Colour: Whitish
    - Odour: Odourless

  - Change in condition
    
    - Melting point/Melting range: undetermined
    - Boiling point/Boiling range: undetermined

  - Flash point: Not applicable

  - Flammability (solid, gaseous): Product is not flammable.

  - Danger of explosion: Product does not present an explosion hazard.

  - Density: Not determined

  - Solubility in / Miscibility with
    
    - Water: Insoluble
    - Organic solvents: 0.0 %

  - Solids content: 100.0 %

  - Other information No further relevant information available.
10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
  - Primary irritant effect:
    - on the skin: No irritant effect.
    - on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
  When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
  The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behaviour in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes: Generally not hazardous for water.
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation: Hand over to hazardous waste disposers.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
### 14 Transport information

- **UN-Number**
  - ADR, ADN, IMDG, IATA: Void
- **UN proper shipping name**
  - ADR, ADN, IMDG, IATA: Void
- **Transport hazard class(es)**
  - ADR, ADN, IMDG, IATA: Void
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  - Not applicable.
- **Transport/Additional information:**
  - Not dangerous according to the above specifications.
- **UN "Model Regulation":** -

### 15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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.

- **Department issuing MSDS:** Environmental Health and Safety.
- **Contact:**
  - Life Science Group, Environmental Health and Safety, 2000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 741-1000
  - Diagnostic Group, Environmental Health and Safety, 4000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 724-7000

**Abbreviations and acronyms:**
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- CAS: Chemical Abstracts Service (division of the American Chemical Society)