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

- Product details
- Component name: 2X Reaction Buffer
- Product name: GoldStar Mix
- Catalog number: PK-0064-02
- Manufacturer/Supplier: Eurogentec S.A.
  Parc Scientifc du Sart Tilman
  4102 Seraing
  Belgium
  Tel. +32-4-3727400
  Fax.+32-4-3727500
- Further information obtainable from: Eurogentec Helpdesk
  Tel. +32-4-3727400
- Information in case of emergency: Please contact the regional Eurogentec representation in your country or Eurogentec S.A. directly.
- MSDS-Nr.: MSDS-2XGOLDSTARMIX

2. Composition/information on ingredients

- Chemical characterization
  Description: Mixture of substances listed below with non hazardous additions
- Dangerous components:
  56-81-5 Glycerol <10%

3. Hazards identification

- Hazard description: Not applicable
- Information concerning particular hazards for human and environment: Warning – This preparation contains a substance not yet tested completely.
- Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First-aid measures

- After inhalation: Fresh air. Consult a doctor in case of complaints.
- After skin contact: Wash off under running water
- After eye contact: Rinse out with plenty of water
- After swallowing: Make victim drink plenty of water. Consult doctor if feeling unwell.

5. Fire-fighting measures

- Suitable extinguishing agents: Water, CO2, powder.
- Protective equipment: Do not inhale explosion gases or combustion gases.
Component name: 2X Reaction Buffer

6. Accidental release measures

- Person-related safety precautions: Ensure adequate ventilation.
- Measures for environmental protection: Do not allow product to reach sewage system or any water course.

7. Handling and storage

- Handling:
  - Information for safe handling: Not required
  - 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: -20°C
  - Class according to regulation on flammable Liquids: Void

8. Exposure controls/personal protection

- Additional information about design of technical facilities: No further requirements; see item 7.
- Ingredients with limit values that require monitoring at the workplace: No ingredients need monitoring
- Personal protective equipment:
  - General protective and hygienic measures: The usual precautionary measures are to be adhered when handling chemicals
  - Respiratory protection: Not required
  - Protection of hands: Protective gloves
  - Eye protection: Protective goggles

9. Physical and chemical properties

- Form: Fluid
- Color: Colorless - Pink
- Odor: Odorless
- Change in condition
  - Melting point/range: Undetermined
  - Boiling point/range: Undetermined
- Flash point: Not applicable
- Self-igniting: Not self-igniting
- Danger of explosion: No explosion hazard
- Density: Not determined
- Solubility in water: Fully soluble
- Miscibility with water: Fully miscible

10. Stability and reactivity

- Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions: No information available
- Dangerous decomposition products: No information available
Component name: 2X Reaction Buffer

11. Toxicological information

- Acute toxicity: -
- Primary irritant effect:
  - On the skin: Irritant to skin and mucous membranes
  - On the eye: Irritating effect
  - Sensitization: Possible
  - Additional toxicological information: The product should be handled with the usual care when dealing with chemicals

12. Ecological information

- General notes: Not known to be hazardous to water

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
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

- Land transport ADR/RID (cross-border) -
- ADR/RID class: -
- Maritime transport IMDG: -
- IMDG Class: -
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR: -
- ICAO/IATA Class: -

15. Regulation information

- Labeling according to EU guidelines:
  - 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.