1 Identification

- **Product identifier**
- **Trade name**: AdvanceBio InstantQ Man7 / M7 N-Glycan Standard
- **Article number**: GKSQ-105
- **CAS Number**: 99-20-7
- **EC number**: 202-739-6

- **Relevant identified uses of the substance or mixture and uses advised against**
  - **Application of the substance / the mixture**: Reagents and Standards for Analytical Chemical Laboratory Use

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier**: Agilent Technologies Australia Pty Ltd
    - 679 Springvale Road
    - Mulgrave
    - Victoria 3170, Australia
  - **Email**: pdl-msds_author@agilent.com
  - **Phone number**: 1800 802 402
  - **Emergency telephone number**: CHEMTREC®: +(61)-290372994

2 Hazard(s) Identification

- **Classification of the substance or mixture**
  - The substance is not classified, according to the Globally Harmonised System (GHS).

- **Label elements**
  - **GHS label elements**: Void
  - **Hazard pictograms**: Void
  - **Signal word**: Void
  - **Hazard statements**: Void
  - **Precautionary statements**
    - Avoid breathing dust.
    - Wear protective gloves / eye protection.
    - IF ON SKIN: Wash with plenty of soap and water.
    - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    - Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT**: Not applicable.
    - **vPvB**: Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Substances**
- **CAS No. Description**
  - 99-20-7 trehalose

(Contd. on page 2)
Trade name: AdvanceBio InstantQ Man7 / M7 N-Glycan Standard

Identification number(s)
EC number: 202-739-6
Dangerous components: Void

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: If symptoms persist consult doctor.
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 Fire Fighting Measures

Extinguishing media
Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
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 gloves / eye protection / face protection.
Environmental precautions: Do not allow to enter sewers / surface or ground water.
Methods and material for containment and cleaning up: Pick up mechanically.
Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

Handling:
Precautions for safe handling: Wear protective gloves / eye protection / face protection.
Information about fire - and explosion protection: No special measures required.
Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.
Trade name: AdvanceBio InstantQ Man7 / M7 N-Glycan Standard

8 Exposure controls and personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures:
    The usual precautionary measures are to be adhered to when handling chemicals.
  - Respiratory protection: Not required.
  - Protection of hands:
    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  - Material of gloves
    The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
  - Penetration time of glove material
    The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - Eye protection: Wear eye protection / face protection.

9 Physical and Chemical Properties

- Information on basic physical and chemical properties
  - General Information
    - Appearance:
      - Form: Powder
      - Colour: Beige
      - Odour: Odourless
      - Odour threshold: Not determined.
    - pH-value: Not applicable.
  - Change in condition
    - Melting point/freezing point: Undetermined.
    - Initial boiling point and boiling range: Undetermined.
  - Flash point: Not applicable.
  - Flammability (solid, gas): Product is not flammable.
  - Decomposition temperature: Not determined.
  - Auto-ignition temperature: Not determined.
  - Explosive properties:
    Product does not present an explosion hazard.
  - Explosion limits:
    - Lower: Not determined.
    - Upper: Not determined.
### 10 Stability and Reactivity

- **Reactivity**: No further relevant information available.
- **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**:
  - **Skin corrosion/irritation**: May be harmful in contact with skin.
  - **Serious eye damage/irritation**: No irritating effect.
  - **Respiratory or skin sensitisation**: No sensitising effects known.
  - **Additional toxicological information**:
    - When used and handled according to specifications, the product does not have any harmful effects 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.
13 Disposal considerations

- Waste treatment methods
  - Recommendation Dispose of contents/container in accordance with local/regional/national/international regulations.

- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 Transport information

- UN-Number
  - ADG, ADN, IMDG, IATA not regulated

- UN proper shipping name
  - ADG, ADN, IMDG, IATA not regulated

- Transport hazard class(es)
  - ADG, ADN, IMDG, IATA not regulated

- Packing group
  - ADG, IMDG, IATA not regulated

- Environmental hazards: Not applicable.

- Special precautions for user Not applicable.

- Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

- UN "Model Regulation": not regulated

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Australian Inventory of Chemical Substances
    - 99-20-7 trehalose
    - 7647-14-5 sodium chloride
  - Standard for the Uniform Scheduling of Medicines and Poisons Substance is not listed.
Trade name: AdvanceBio InstantQ Man7 / M7 N-Glycan Standard

- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Precautionary statements
  Avoid breathing dust.
  Wear protective gloves / eye protection.
  IF ON SKIN: Wash with plenty of soap and water.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I Substance is not listed.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information
The information contained in this document is based on Agilent’s state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.