SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Trade name: pH Buffer Solution pH 7.00 (Yellow) ±0.01 @20°C

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the mixture Laboratory Chemicals

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier: See Below

Manufacturer:
Reagecon Diagnostics Ltd.
Shannon Free Zone,
Shannon,
Co. Clare,
Ireland.
Tel +353 61 472622
Fax +353 61 472642

Supplier:
BÜCHI Labortechnik AG
Meierseggstrasse 40
CH - 9230 Flawil
Telephone: +41 71 394 63 63
FAX: +41 71 394 65 65
Email: schweiz@buchi.com
Internet: www.buchi.com

Further information obtainable by contacting: sds@reagecon.ie

1.4 Emergency telephone number:
If availability of such services is limited for any reasons, such as hours of operation, or if there are limits on specific types of information provided, this shall be clearly stated
EMERGENCY CONTACT NUMBER: 00-353-87-8395527

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified according to the CLP regulation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void

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

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components: Void
Trade name: pH Buffer Solution pH 7.00 (Yellow) ±0.01 @20°C

*Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

*4.1 Description of first aid measures
*General information: No special measures required.
*After inhalation: Provide fresh air, warmth and rest. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Obtain medical attention if any discomfort continues.
*After skin contact: Generally the product does not irritate the skin.
*After eye contact: Promptly wash eyes with plenty of water for up to 15 minutes. Open eyes wide apart and rinse well to remove any contact lenses. Do not remove contact lenses by hand. Continue to rinse. Get medical attention if symptoms persist.
*After swallowing: If symptoms persist consult doctor.

*4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

*4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

**SECTION 5: Firefighting measures**

*5.1 Extinguishing media
*Suitable extinguishing agents: Indications shall be given whether any extinguishing media are inappropriate for a particular situation involving the substance or mixture
Use fire extinguishing methods suitable to surrounding conditions.
*5.2 Special hazards arising from the substance or mixture No further relevant information available.
*5.3 Advice for firefighters
*Protective equipment: Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers

**SECTION 6: Accidental release measures**

*6.1 Personal precautions, protective equipment and emergency procedures Not required.
*6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
*6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
*6.4 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.

**SECTION 7: Handling and storage**

*7.1 Precautions for safe handling No special measures required.
*Information about fire - and explosion protection: No special measures required.

(Contd. on page 3)
**SECTION 8: Exposure controls/personal protection**

*Additional information about design of technical facilities:* No further data; see item 7.

*8.1 Control parameters*
*Ingredients with limit values that require monitoring at the workplace:*
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
*Additional information:* The lists valid during the making were used as basis.

*8.2 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. Always ensure that gloves are inspected before use. Selection of protective gloves must include consideration of the penetration times along with rates of diffusion and degradation. The selected glove should comply with the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.
*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. Nitrile gloves are recommended for splash contact.

This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific use scenario.

*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:* Goggles recommended during refilling

**SECTION 9: Physical and chemical properties**

*9.1 Information on basic physical and chemical properties*
*General Information*
*Appearance:*
  *Form:* Liquid
  *Colour:* According to product specification
*Odour:* Characteristic
*Odour threshold:* Not determined.
*pH-value:* Not determined.
SECTION 10: Stability and reactivity

*10.1 Reactivity  No further relevant information available.
*10.2 Chemical stability
*10.3 Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
*10.4 Conditions to avoid: No further relevant information available.
*10.5 Incompatible materials: No further relevant information available.
*10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

*11.1 Information on toxicological effects
*Acute toxicity Based on available data, the classification criteria are not met.
*Primary irritant effect:
*Skin corrosion/irritation Based on available data, the classification criteria are not met.
**SECTION 12: Ecological information**

*12.1 Toxicity*
*Aquatic toxicity: No further relevant information available.*

*12.2 Persistence and degradability No further relevant information available.*

*12.3 Bioaccumulative potential No further relevant information available.*

*12.4 Mobility in soil No further relevant information available.*

*Additional ecological information:*
*General notes:*
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

*12.5 Results of PBT and vPvB assessment*
*PBT: Not applicable.*
*vPvB: Not applicable.*

*12.6 Other adverse effects No further relevant information available.*

**SECTION 13: Disposal considerations**

*13.1 Waste treatment methods*
*Recommendation Smaller quantities can be disposed of with household waste.*

*Uncleaned packaging:*
*Recommendation: Disposal must be made according to official regulations.*

**SECTION 14: Transport information**

*14.1 UN-Number*
*ADR, IMDG, IATA: Void*

*14.2 UN proper shipping name*
*ADR, IMDG, IATA: Void*

*14.3 Transport hazard class(es)*
*ADR, IMDG, IATA: Void*

*14.4 Packing group*
*ADR, IMDG, IATA: Void*

*14.5 Environmental hazards:*
*Not applicable.*

(Contd. on page 6)
Trade name: pH Buffer Solution pH 7.00 (Yellow) ±0.01 @20°C

<table>
<thead>
<tr>
<th>*14.6 Special precautions for user</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>*UN &quot;Model Regulation&quot;:</td>
<td>Void</td>
</tr>
</tbody>
</table>

**SECTION 15: Regulatory information**

*15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture*

*Directive 2012/18/EU*
*Named dangerous substances - ANNEX I* None of the ingredients is listed.

*National regulations:
*Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
*15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**SECTION 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 SDS: Health and Safety*
*Contact: sds@reagecon.ie*

*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)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
*NO