

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

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1.1. Product identifier - Product name: Buffer capsule pH10 (pack of 10)- Product Code: A3099

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC21: Laboratory chemicals.

1.3. Details of the supplier of the safety data sheet

Company name: EDT DirectiON Ltd, The Old Silo Store, St. Radigund's Abbey Farm, Dover, CT15 7DL UK

Tel: +44(0)1304 829960

Email: [info@edt.co.uk](mailto:info@edt.co.uk)

1.4. Emergency telephone number -Emergency tel: +44(0)1304 829960

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## Section 2: Composition/information on ingredients

\* Chemical characterization

\* Description: Mixture of substances listed below with nonhazardous additions.

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

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## Section 3: Hazards identification

\* Hazard description:



X Irritant

\* Information concerning to particular hazards to man and environment: The product has been classified and labelled in accordance with EU Directive 99/45/EC and all other EU Directives referred to therein. R 36Irritating to eyes.

\* Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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## Section 4: 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.

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## Section 5: Fire-fighting measures

\* Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

\* Protective equipment: No special measures required.

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## Section 6: Accidental release measures

\* Person-related safety precautions: Not required.

\* Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

\* Measures for cleaning/collecting: Pick up mechanically.

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## Section 7: Handling and storage

\* Handling:PPE to be worn. See section 8

\* Information for safe handling: Prevent formation of dust.

\* Information about fire - and explosion protection: No special measures required.

\* 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: Keep receptacle tightly sealed.

**Section 8: Exposure controls/personal protection**

- \* **Additional information about de sign of technical facilities:** No further data; see item 7.
- \* **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.
- \* **Personal protective equipment:**
- \* **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
- \* **Respiratory protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- \* **Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. 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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- \* **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:**



Tightly sealed goggles

**Section 9: Physical and chemical properties****\* General Information**

<b>Form:</b>	Solid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

**\* Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

\* **Flash point:** Not applicable.

\* **Self-igniting:** Product is not selfigniting.

\* **Danger of explosion:** Product does not present an explosion hazard.

\* **Density:** Not determined.

\* **Solubility/ miscibility with water:** Soluble.

\* **Solvent content:**  
**Organic solvents:** 0.0 %

**Section 10: Stability and reactivity**

- \* **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- \* **Dangerous reactions:** No dangerous reactions known.
- \* **Dangerous decomposition products:** No dangerous decomposition products known.

**Section 11: Toxicological information**

- \* **Acute toxicity:**
- \* **Primary irritant effect:**
- \* **on the skin:** No irritant effect.
- \* **on the eye:** Irritating effect.
- \* **Sensitization:** No sensitizing effects known.
- \* **Additional toxicological information:** The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

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## Section 12: Ecological information

- \* **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or larger quantities of it to reach ground water, water course or sewage system.
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## Section 13: Disposal considerations

- \* **Product:**
  - \* **Recommendation:** Smaller quantities can be disposed of with household waste. Do not let product reach sewage system.
  - \* **Uncleaned packaging:**
  - \* **Recommendation:** Disposal must be made according to official regulations.
  - \* **Recommended cleansing agents:** Water, if necessary together with cleansing agents.
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## Section 14: Transport information

- \* **Land transport ADR/RID (cross-border)**
  - \* **ADR/RID class:** -
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### Maritime transport IMDG:

- \* **IMDG Class:** -

- \* **Marine pollutant:** No
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- \* **Air transport ICAO-TI and IATA-DGR:**

- \* **ICAO/IATA Class:** -
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- \* **Transport/Additional information:** Not dangerous according to the above specifications.
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## Section 15: Regulatory information

- \* **Labelling according to EU guidelines:** The product has been classified and marked in accordance with EU Directive 99/45/EC and all other EU Directives referred to therein.
- \* **Code letter and hazard designation of product:**



XiIrritant

- \* **Risk phrases:** 36Irritating to eyes.
  - \* **Safety phrases:** 22Do not breathe dust. 26In case of contact with eyes , rinse immediately with plenty of water and seek medical advice. 60This material and its container must be disposed of as hazardous waste.
  - \* **National regulations:**
  - \* **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
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## 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.

- \* **Relevant R-phrases**  
36Irritating to eyes.