**OXFORD LAB FINE CHEM LLP**
ISO 9001-2008 Certified Company

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Oxford
Range of
Laboratory Chemicals

# MATERIAL SAFETY DATA SHEET

# Buffered Peptone Water

## Section 1: Chemical Product and Company Identification

**Product Identifiers**

**Product Name: Buffered Peptone Water**

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified Uses**

**Microbial Analysis and Research, In-vitro Diagnostic laboratories clinical and non-clinical specimens & Industrial analysis**

**Brand : OXFORD**

**Details Of The Supplier Of The Safety Data Sheet :**

**Company identification:** **OXFORD LAB FINE CHEM LLP**
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## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

**Non hazardous substances**

**2.2 Label elements**

**Non hazardous substances**

**2.3 Other hazards**

**None**

## SECTION 3: Composition/information on ingredients

**3.1 Mixtures**

**None of the component needs to be disclosed as per the applicable regulatory norms**

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# Section 4: First Aid Measures

## 4.1 Description of first aid measures

### General advice

**Consult physician with this safety data sheet**

### If inhaled

**Move the person to fresh air; if person is unable to breath give artificial respiration and consult physician**

### In case of skin contact

**Wash with soap and plenty of water in order to remove all contents from skin**

### If swallowed

**Rinse mouth with water and consult physician.**

## 4.2 Acute and delayed important symptoms and effects

**No data available**

## 4.3 Indication of any specific or immediate medical treatment needed

**No data Available**

# Section 5: Fire and Explosion Data

## 5.1 Extinguishing media

**Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide**

## 5.2 Special hazards arising from the substance or mixture

**Nature of decomposition products not known. (on burning may generate Carbon oxides, Hydrogen chloride gas, Sodium oxides)**

## 5.3 Advice for fire fighters

**Wear self-contained breathing apparatus for firefighting if necessary.**

## 5.4 Further information

**No data available.**

# Section 6: Accidental Release Measures

**6.1 Personal protective equipment and emergency procedures: Use personal protective equipment as per the local authority or the firm. Avoid dust formation and breathing dust. Avoid breathing vapours, mist or gas. Ensure adequate ventilation in area of work. For personal protection see section 8.**

## 6.2 Environmental precautions

**Do not let product enter drains.**

## 6.3 Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust.

**Sweep up and shovel. Keep in suitable, closed containers for disposal.**

## 6.4 Reference to other sections

**For disposal see section 13.**

# Section 7: Handling and Storage

## 7.1 Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed.

**Normal measures for preventive fire protection. For precautions see section 2.2. & 6.1**

## 7.2 Conditions for safe storage, including any incompatibilities

**Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic, Moisture sensitive.**

## 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2

**No other specific uses are stipulated**

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# Section 8: Exposure Controls/Personal Protection

## 8.1 Control parameters

**Components with workplace control parameters and regulations.**

## 8.2 Exposure controls

**Appropriate engineering controls**

**Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.**

## Personal protective equipment

## Eye/face protection

**Triple layered Surgical Face mask and Safety glasses with side-shields.**

## Skin protection

**Use of proper gowning/ aprons, Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product in accordance with good laboratory practices.**

## Body Protection

**Choose body protection in relation to its type, to the concentration and number of dangerous substances, and to the specific work-place**

## Respiratory protection

**Respiratory protection is not required. Where protection from nuisance levels of dusts is desired, use triple layered surgical type or type P1**

## Control of environmental exposure

**Do not let product enter drains.**

# Section 9: Physical and Chemical Properties

## 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance** | **: Form: powder Colour: Cream-white to light tan** |
| **pH** | **: 7.2 ±0.2 at 25°C** |
| **Melting point/freezing point** | **: No data available** |
| **Initial boiling point and** | **: No data available** |
| **boiling range** | **: No data available** |
| **Flash point** | **: No data available** |
| **Evaporation rate** | **: No data available** |
| **Flammability (solid, gas)** | **: No data available** |

## Section 9: Physical and Chemical Properties (Continued)

| | |
|---|---|
| **Upper/lower flammability or explosive limits** | **: No data available** |
| **Vapour pressure** | **: No data available** |
| **Vapour density** | **: No data available** |
| **Relative density** | **: No data available** |
| **Water solubility** | **: No data available** |
| **Partition coefficient: n-octanol/water** | **: No data available** |
| **Auto-ignition temperature** | **: No data available** |
| **Decomposition temperature** | **: No data available** |
| **Viscosity** | **: No data available** |
| **Explosive properties** | **: No data available** |
| **Oxidizing properties** | **: No data available** |
| **9.2 Other safety information** | **: No data available** |

## Section 10: Stability and Reactivity Data

**10.1 Reactivity : No data available**

**10.2 Chemical stability: Stable under recommended storage conditions.**

**10.3 Possibility of hazardous reactions : No data available**

**10.4 Conditions to avoid: No data available**

**10.5 Incompatible materials : Strong oxidizing agents**

**10.6 Hazardous decomposition products Hazardous decomposition products formed under fire conditions.**

**Nature of decomposition products not known. Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas, Sodium oxides Other decomposition products - No data available In the event of fire: see section 5**

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# Section 11: Toxicological Information

## 11.1 Information on toxicological effects

### Acute toxicity
**No data available**

### Skin corrosion/irritation
**No data available**

### Serious eye damage/eye irritation
**No data available**

### Respiratory or skin sensitisation
**No data available**

### Germ cell mutagenicity
**No data available**

### Carcinogenicity
**IARC:**
**No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.**

### Reproductive toxicity
**No data available**

### Specific target organ toxicity - single exposure
**No data available**

### Specific target organ toxicity - repeated exposure
**No data available**

### Aspiration hazard
**No data available**

### Additional Information RTECS
**Not available**
**To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly**

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# Section 12: Ecological Information

**12.1 Toxicity:** **No data available**

**12.2 Persistence and degradability:** **No data available**

**12.3 Bio-accumulative potential:** **No data available**

**12.4 Mobility in soil:** **No data available**

**12.5 Results of PBT and vPvB assessment**

**PBT/vPvB assessment not available as chemical safety assessment not required/not conducted**

**12.6 Other adverse effects:** **No data available**

# Section 13: Disposal Considerations

**13.1 Waste treatment methods**

**Product** **Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.**

**OR**

**Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.**

**Contaminated packaging:** **Dispose of as unused product.**

# Section 14: Transport Information

**Type of Material:** **Not dangerous goods**

**Special precautions for user:** **No data available**

**Environmental hazards:** **No**

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# Section 15: Other Regulatory Information

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

**International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors:** **Neither Banned nor Restricted**

**REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):** **Neither Banned nor Restricted**

**Listed substance / Sunset Date:** **After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.**

**15.2 Chemical safety assessment:** **For this product a chemical safety assessment was not carried out**

# Section 16 - Additional Information

**References: Not available.**

**Other Special Considerations: Not available.**

## *Disclaimer:*

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