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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

BUFFER CAPSULES pH 9.2

MSDS CAS:-

Section 1: Chemical Product andCompany Identification

Section 1: Chemical Product

Product Name:BUFFER CAPSULES pH 9.2
CAS#: -Not available.
Synonym:Not available.
Chemical Name:Not available.
Chemical Formula:Not available.
Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Disodium tetraboratedecahydrate; borax decahydrate	1303-96-4	10 - 15
Sodium carbonate	497-19-8	75 - 99
Sodium chloride	7647-14-5	1 - 5

Section 3: Hazards Identification

Classification of the substance or mixture:

Labelling Regulation EC 1272/2008 (CLP)

Not classified.

Contains: Sodium carbonate - Disodium tetraboratedecahydrate; borax decahydrate - Sodium chloride

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 4: First Aid Measures

Eye Contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Skin Contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Serious Skin Contact: Not available.

Inhalation: Assure fresh air breathing. Allow the victim to rest.

Serious Inhalation: Not available.

Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Surrounding fires : Use water spray or fog for cooling exposed containers

Special hazards arising from the substance or mixture:

Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters:

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water toenter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
For emergency responders : Equip cleanup crew with proper protection. Ventilate area.
For non-emergency personnel : Evacuate unnecessary personnel.

Environmental precautions:
Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up:
Clean up methods :On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Section 7: Handling and Storage

Precautions:

Handling: Wash hands and other exposed areas with mild soap and water before eat, drink orsmoke and when leaving work.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Conditions for safe storage, including any incompatibilities:

Storage: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Section 8: Exposure Controls/Personal Protection

Exposure controls:
Personal protection: Avoid all unnecessary exposure.
- **Respiratory protection: Wear approved mask.**
- **Hand protection: Wear protective gloves.**
- **Eye protection: Chemical goggles or safety glasses.**
- **Others: When using, do not eat, drink or smoke**

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Physical state and appearance	**: Solid.**
Odor	**: Odourless.**
Taste	**: Not available.**
Molecular Weight	**: Not applicable.**
Color	**: White tablets.**
pH	**: 9.2.**
Boiling Point	**: Not available.**
Melting Point	**: Not available.**
Critical Temperature	**: Not available.**
Specific Gravity	**: Not available.**
Vapor Pressure	**: Not available.**
Vapor Density	**: Not available.**
Volatility	**: Not available.**
Odor Threshold	**: Not available.**
Water/Oil Dist. Coeff.	**: Not available.**
Ionicity (in Water)	**: Not available.**
Dispersion Properties	**: Not available.**
Density	**: 1 g/cm^3**
Solubility	**: Not available.**

Section 10: Stability and Reactivity Data

Stability: Stable under recommended storage conditions
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Not available.
Corrosivity: Not available.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.
Conditions to avoid: Direct sunlight. Extremely high or low temperatures.
Materials to avoid : Strong acids. Strong bases.
Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

Toxicity information : **The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.**

Acute toxicity:

- **Inhalation: Based on available data, the classification criteria are not met.**
- **Dermal: Based on available data, the classification criteria are not met.**
- **Ingestion: Based on available data, the classification criteria are not met.**

Corrosion: Based on available data, the classification criteria are not met.

Irritation: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Results of PBT and vPvBassessment :The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Special Remarks on the Products of Biodegradation: Not available.

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

Waste Disposal:

General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Section 14: Transport Information

Land transport (ADR-RID)

General information : **Not regulated.**

Sea transport (IMDG)

General information : **Not regulated.**

Air transport (ICAO-IATA)

General information : **Not regulated.**

Section 15: Other Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture: **Ensure all national/local regulations are observed.**

REACH Restrictions - Annex XVII :With the exception of those listed below: The components of this product are not subject to restrictions.
• Disodium tetraboratedecahydrate; borax decahydrate : Annex XVII

REACH Authorisation - Annex XIV :The components of this product are not subject to authorization.

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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