

Material Safety Data Sheet
Version No.: 1.0 (Rev. date : 2020-03-23)

ER Buffer

1. Product and company identification

Product Name : ER Buffer

Recommended Use : In vitro diagnostics

Supply Information

Company : Bioneer

Address : 8-11 Munpyeongseo-ro, Daedeok-gu, Daejeon 34302, Republic of Korea

Emergency telephone number : 82-42-930-8777

2. Hazards identification

GHS-Classification

Classification of the hazardous chemical

No information

Label elements, including precautionary statements

Pictogram

No information

Signal word

No information

Hazard statements

No information

Precautionary statements

No information

3. Composition/information on ingredients

No hazardous ingredient

4. First aid measures

- . Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes.
 - . Skin Contact: Rinse thoroughly with plenty of water for at least 15 minutes.
 - . Inhalation : Move to fresh air. If breathing is difficult, give oxygen
 - . Ingestion: Never give anything by mouth to an unconscious person.
 - . Notes to Physician : Not information available
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5. Fire-fighting measures

- . Suitable Extinguishing Media: Water-spray, Dry chemical, CO2
 - . Flammable Properties: No information available
 - . Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.
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6. Accidental release measures

- . Personal Precautions: remove all ignition source. Prevent further spillage if safe to do so
 - . Environmental precautions : Absorb the sand or vermiculite. Prevent from waterway, drain, basement, close space.
 - . Methods for cleaning up: Wash contaminated area with plenty of water if small leakage.
Absorb with sand and inflammable material in small spill site. and Pick up and transfer to properly labeled containers.
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7. Handling and storage

- A. Handling precautions : Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling.
 - B. Storage precautions : Keep sealed and store. Keep container tightly closed in a dry and well ventilated place.
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8. Exposure controls / personal protection

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- A. Chemical Exposure Standards, Biological Exposure Standards Etc. : No data available
 - B. Proper physical management : No data available.
 - C. Personal protection
 - Respiratory protection : Use respiratory protection appropriate for the particular material and its physical and chemical properties.
 - Eyes protection : Use goggles appropriate for the particular material and its physical and chemical properties.
 - Hands protection : Handle with gloves. Gloves must be inspected prior to use.
 - Body protection : impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
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9. Physical and chemical properties

- A. Appearance : No information
 - B. Odor : No information
 - C. Odor threshold : No information
 - D. pH : No information
 - E. Freezing/Melting point : No information
 - F. Boiling point and Range : No information
 - G. Flash point : No information
 - H. Evaporation speed : No information
 - I. Flammability (Solid, Gas) : No information
 - J. Ignition or explosion range : No information
 - K. Vapor pressure : No information
 - L. Solubility : No information
 - M. Vapor density : No information
 - N. Specific weight : No information
 - O. n-Octanol/Water solubility coefficient : No information
 - P. Self-Flammability : No information
 - Q. Decomposition temperature : No information
 - R. Viscosity : No information
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S. Molecular weight : No information

10. Stability and Reactivity

- A. Chemical stability and toxic reaction potential : Stable under recommended storage conditions.
- B. Conditions to avoid : No information
- C. Possibility of hazardous reactions : Keep away from heat/sparks/open flames/hot surfaces.
- D. Conditions to avoid : No information
- E. Hazardous decomposition products : No information
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11. Toxicological information

- A. Probable exposure paths
- Respiratory : May cause irritation upon inhalation.
 - Oral : May cause irritation upon ingestion.
 - Eyes/skin : May cause irritation upon contact. Can cause skin irritation.
- B. Health hazard information
- Acute toxicity : No information
 - Skin corrosion/irritation : Can cause skin irritation.
 - Serious eye damage/eye irritation : May cause irritation.
 - Respiratory or skin sensitization : No information
 - Carcinogenicity : No information
 - Germ cell mutagenicity: No information
 - Reproductive toxicity : No information
 - Specific target organ toxicity (single exposure) : No information
 - Specific target organ toxicity (repeated exposure) : No information
 - Aspiration hazard: No information
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12. Ecological information

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- A. Biological toxicity : No information
 - B. Persistency and Degradability : No information
 - C. Bioconcentration : No information
 - D. Soil mobility : No information
 - E. Other toxic effects : No information
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13. Disposal considerations

- A. Disposal method : Offer surplus and non-recyclable solutions to a licensed disposal company.
 - B. Disposal considerations : Observe all local and national environmental regulations if applicable.
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14. Transport information

- A. UN No : No classification information
 - B. UN proper shipping name : No classification information
 - C. Transport hazard class : No classification information
 - D. Packaging group : No classification information
 - E. Environmental hazards : No classification information
 - F. Special Safety Measures for Users Regarding Shipping or Shipping Measures : No classification information
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15. Regulatory information

- A. Industrial safety and health regulation : No information
 - B. Hazardous chemical management regulation : No information
 - C. Dangerous material management regulation : No information
 - D. Waste management regulation : No information
 - E. Other domestic and international regulations : No information
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16. Other information

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