

Safety Data Sheet

Version 1

Revision Date 01/10/2025

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

Product identifier

Part name Quench Buffer (Quench)
Part number CR1007

Recommended use of the chemical and restrictions on use

Recommended use This product is for research use only.
Restrictions on use No information available.

Details of the supplier of the safety data sheet

Company Epigenome Technologies, Inc.
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Section 2: Hazard identification

Classification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Specific organ toxicity – repeated exposure (Category 2), H373.

Signal word Warning.

Hazard pictogram



Hazard statements

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

Response

P314 Get medical advice/attention if you feel unwell.

Storage

Not applicable.

Disposal

P501

Disposal of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Not applicable.

Other information

No information available.

Section 3: Composition and information on ingredients

Component	CAS No.	EC No.	Concentration
Ethylenediaminetetraacetic acid	6381-92-6	205-358-3	1-5%

Section 4: First aid measures

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Consult a physician if necessary.

Eye contact: Rinse thoroughly with water for several minutes. Remove contact lenses if present and easy to do.

Skin contact: Rinse skin with water. Immediate medical attention is not required.

Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Seek medical advice if you feel unwell.

Most important symptoms and effects: H373 – May cause damage to organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed: None.

Section 5: Firefighting measures

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: No information available.

Specific hazards arising from chemical: Not known.

Special protective equipment for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment, and emergency procedures: Ensure adequate ventilation. Use personal protective equipment. Wear protective gloves and clean up the spill with inert absorbent material.

Environmental Precautions: No special environmental precautions required.

Methods and material for containment and cleaning up: Soak up with inert absorbent material.

Waste disposal method: Dispose of in accordance with all federal, state, and local regulations.

Section 7: Handling and storage

Safe Handling: Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.

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

Engineering controls

Showers

Eyewash stations

Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses.

Skin and body protection

Wear suitable protective clothing. Handle with gloves. Wear a lab coat to limit skin exposure.

Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Color	Colorless
Odor	No data available
Odor threshold	No data available
pH	8.0
Melting point / freezing point	No data available
Boiling point / boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Specific gravity	No data available
Water solubility	Soluble
Solubility in other solvents	No data available
Partition coefficient n-octanol/water	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Softening point	No data available
Molecular weight	No data available
VOC content (%)	No data available
Liquid density	No data available
Bulk density	No data available

Other information

No data available

Section 10: Stability and Reactivity

Reactivity: No information available.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No information available.

Conditions to avoid: None information available.

Incompatible materials: No dangerous reaction known under conditions of normal use.

Hazardous decomposition products: No information available.

Other decomposition products: No information available.

Section 11: Toxicological information

Acute toxicity: No evidence available indicating acute toxicity.

Carcinogenicity: Data are conclusive but insufficient for classification.

Germ cell mutagenicity: Data are conclusive but insufficient for classification.

Reproductive toxicity: Data are conclusive but insufficient for classification.

Specific target organ toxicity (STOT) – single exposure: Data are conclusive but insufficient for classification.

Specific target organ toxicity (STOT) – repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Skin corrosion/irritation: Data are conclusive but insufficient for classification.

Eye damage/irritation: Data are conclusive but insufficient for classification.

Respiratory or skin sensitization: Data are conclusive but insufficient for classification.

Aspiration hazard: Data are conclusive but insufficient for classification.

Section 12: Ecological information

Ecotoxicity: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Persistence and degradability: No information available.

Bioaccumulation: No information available.

Mobility in soil: No information available.

PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects: No information available.

Section 13: Disposal considerations

Waste treatment methods

Waste from residues/unused products: Dispose of in accordance with federal, state, and local regulations. Dispose of waste in accordance with environmental regulation.

Contaminated packaging: Do not reuse empty containers.

Section 14: Transport information

DOT (US) / ADR (road) / ICAO/IATA (air) / IMDG (sea) / RID (rail) UN ID – Not regulated, not dangerous goods.

Section 15: Other information

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Disclaimer

The information provided in this Safety Data Sheet is believed to be correct to the best of our knowledge and belief at the date of publication. This information is intended only as a guide for safe handling and should not be considered comprehensive. It does not represent any guarantee of the

properties of the product. Epigenome Technologies, Inc. will not be liable for any damages resulting from handling or from contact with the product.