

# 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** Ligase (Lig)  
**Part number** CF1012

### 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.  
9853 Pacific Heights Blvd, Suite G&H San Diego, CA, 92121  
**Telephone** (1)858-666-5122  
**E-mail** info@epigenome.us

## Section 2: Hazard identification

### **Classification**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### **Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS). The product contains no substances which, at their given concentration, are considered to be hazardous to health.

### **Hazards not otherwise classified (HNOC)**

Not applicable.

### **Other information**

No information available.

## Section 3: Composition and information on ingredients

### **Substance**

Not applicable.

### **Mixture**

The product contains no substances which, at their given concentrations, are considered by OSHA criteria to be hazardous to health.

## Section 4: First aid measures

**Inhalation:** Remove to fresh air.

**Eye contact:** Rinse thoroughly with water for several minutes. Remove contact lenses if present and easy to do. Consult a physician if necessary.

**Skin contact:** Rinse skin with water.

**Ingestion:** Rinse mouth.

**Most important symptoms and effects:** No information available.

### 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:** No information available.

**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. Wear protective gloves and clean up the spill with inert absorbent material.

**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.

#### Respiratory protection

No protective equipment is needed under normal use conditions.

#### 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

<b>Physical state</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	No data available
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point / freezing point</b>	No data available
<b>Boiling point / boiling range</b>	No data available
<b>Flash point</b>	No data available

<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	No data available
<b>Specific gravity</b>	No data available
<b>Water solubility</b>	Soluble
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient n-octanol/water</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Softening point</b>	No data available
<b>Molecular weight</b>	No data available
<b>VOC content (%)</b>	No data available
<b>Liquid density</b>	No data available
<b>Bulk density</b>	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:** None under normal processing.

**Conditions to avoid:** None known based on information supplied.

**Incompatible materials:** None known based on information supplied.

**Hazardous decomposition products:** None known based on information supplied.

**Other decomposition products:** No information available.

**Section 11: Toxicological information**

**Acute toxicity:** No information available.

**Carcinogenicity:** No information available.

**Germ cell mutagenicity:** No information available.

**Reproductive toxicity:** No information available.

**Target organ effects:** No information available.

**Inhalation:** No information available.

**Ingestion:** No information available.

**Aspiration hazard:** No information available.

**Symptoms related to the physical, chemical, and toxicological characteristics:** No information available.

**Health warnings:** No information available.

**Section 12: Ecological information**

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulation:** No information available.

**Mobility in soil:** No information available.

**PBT and vPvB assessment:** No information available.

**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

**Revision date**                      10-Jan-2025

#### **Disclaimer**

The information provided in this Safety Data Sheet is believed to be correct to the best of our knowledge and belief at the data 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.