

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 Stabilizer (Stab_lzr)
Part number CF1005

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)

Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319

Signal word Warning.

Hazard pictogram



Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.
P302 + P352 If on skin: Wash with plenty of soap and water.
P305 + P351 + P338 If in eyes: Rinse thoroughly with water for several minutes.
Remove contact lenses, if present and easy to do.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Hazards not otherwise classified (HNOC)

None.

Other information

No information available.

Section 3: Composition and information on ingredients

Component	CAS No.	EC No.	Concentration
Spermidine	124-20-9	204-689-0	1-5%

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: Take off all contaminated clothing. Rinse skin with water.

Ingestion: Make victim drink water. Consult a physician if necessary.

Most important symptoms and effects: Skin irritation. Eye irritation.

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: Carbon oxides. Nitrogen oxides.

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: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Wear protective gloves and clean up the spill with inert absorbent material.

Environmental Precautions: Avoid release to the environment.

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. Do not contact with skin or eyes, or inhale.

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

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

Physical state	Liquid
Color	Colorless
Odor	No data available
Odor threshold	No data available
pH	No data available
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: No information available.

Incompatible materials: No information available.

Hazardous decomposition products: In the event of fire: see section 5.

Other decomposition products: No information available.

Section 11: Toxicological information

Acute toxicity:

Symptoms: Irritations of mucous membranes in the mouth, pharynx, esophagus and gastrointestinal tract.

Symptoms: Possible mucosal irritations

Dermal: No data available

Skin corrosion/irritation: Causes skin irritation.

Eye damage/irritation: Causes serious eye irritation.

Carcinogenicity: Not listed by the IARC, ACGIH, NTP, or OSHA.

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.

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

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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 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.