

Revision Number	1.0
Revision Date	Nov. 2025
Issuing Date	Nov. 2025

SAFETY DATA SHEET – Ligation Enzyme

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ligation Enzyme

PRODUCT NUMBER: ML1009

COMPANY: Alida Biosciences, Inc.

ADDRESS: 11535 Sorrento Valley Rd. Ste. 407, San Diego, CA 92121

EMAIL ADDRESS: support@alidabio.com

WEBSITE: <https://alidabio.com/>

EMERGENCY PHONE: (720) 375-1071

PRODUCT USE: DNA library sequencing - Research use only

SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: Not a hazardous substance or mixture.

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS: Not a hazardous substance or mixture.

PICTOGRAM: None.

SIGNAL WORD: None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: No hazardous ingredients.

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE: If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

EYES: Rinse out with plenty of water. Remove contact lenses. Consult a doctor.

SKIN: Wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reusing. Consult a doctor.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

INHALATION: Move to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: No information available.

Revision Number	1.0
Revision Date	Nov. 2025
Issuing Date	Nov. 2025

SAFETY DATA SHEET – Ligation Enzyme

HAZARDOUS COMBUSTION PRODUCTS: No information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Refer to protective measures listed in sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS: Should not be released into the environment. See Section 12 for additional ecological information.

METHODS FOR CONTAINMENT AND CLEAN UP: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Smoking, eating, and drinking should be prohibited in the work area.

STORAGE: Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use conditions.

VENTILATION: Use in well-ventilated areas.

RESPIRATORY PROTECTION: None required under normal use conditions.

EYE PROTECTION: Safety glasses recommended.

SKIN PROTECTION: Wear appropriate laboratory apparel and impervious gloves.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas thoroughly with mild soap and water after handling and before eating, drinking, smoking, or using the bathroom. Promptly remove soiled clothing and wash thoroughly before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

APPEARANCE: Colorless.

ODOR: Odorless.

pH: No data available.

BOILING POINT: No data available.

MELTING POINT: No data available.

FREEZING POINT: No data available.

Revision Number	1.0
Revision Date	Nov. 2025
Issuing Date	Nov. 2025

SAFETY DATA SHEET – Ligation Enzyme

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

SPECIFIC GRAVITY: No data available.

EVAPORATION RATE: No data available.

SOLUBILITY IN WATER: No data available.

PERCENT SOLIDS BY WEIGHT: No data available.

PERCENT VOLATILE: No data available.

VOLATILE ORGANIC COMPOUNDS (VOC): No data available.

MOLECULAR WEIGHT: No data available.

VISCOSITY: No data available.

SECTION 10: STABILITY AND REACTIVITY

REACTIVE HAZARD: No dangerous reaction known under conditions of normal use.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Incompatible products. Excess heat.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, Strong acids, Strong bases, Alkali metals

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition if stored and used as directed.

HAZARDOUS POLYMERIZATION: Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not classified based on available information.

IRRITATION: Not classified based on available information.

SENSITIZATION: Not classified based on available information.

CARCINOGENICITY: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA, IARC, NTP, ACGIH

MUTAGENIC EFFECTS: Not classified based on available information.

REPRODUCTIVE EFFECTS: Not classified based on available information.

DEVELOPMENTAL EFFECTS: Not classified based on available information.

TERATOGENICITY: Not classified based on available information.

Revision Number	1.0
Revision Date	Nov. 2025
Issuing Date	Nov. 2025

SAFETY DATA SHEET – Ligation Enzyme

STOT - SINGLE EXPOSURE: Not classified based on available information.

STOT - REPEATED EXPOSURE: Not classified based on available information.

ASPIRATION HAZARD: Not classified based on available information.

SYMPTOMS / EFFECTS, BOTH ACUTE AND DELAYED: Not classified based on available information.

ENDOCRINE DISRUPTOR INFORMATION: Not classified based on available information.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants. Do not empty into drains.

PERSISTENCE AND DEGRADABILITY: Persistence is unlikely.

BIOACCUMULATION/ ACCUMULATION: No information available.

MOBILITY: Will likely be mobile in the environment due to its water solubility.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

DOT (US): Not regulated as a dangerous good.

UN-NO: Not regulated as a dangerous good.

PROPER SHIPPING NAME: Not regulated as a dangerous good.

PACKING GROUP: Not regulated as a dangerous good.

IMDG: Not regulated as a dangerous good.

IATA: Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

REGULATORY OVERVIEW: The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

U.S. FEDERAL REGULATIONS:

SARA 313 SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Revision Number	1.0
Revision Date	Nov. 2025
Issuing Date	Nov. 2025

SAFETY DATA SHEET – Ligation Enzyme

SARA 311/312 HAZARD CATEGORIES: Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (CLEAN WATER ACT): Not applicable

CLEAN AIR ACT: Not applicable

OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION: Not applicable

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

CALIFORNIA PROPOSITION 65: This product does not contain any Proposition 65 chemicals.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief on the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF DOCUMENT