



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT IDENTIFIERS

PRODUCT NAME: Twist RNA Library Prep Kit, 16 and 96 Samples
PRODUCT NUMBER: 107060 and 107061
SYNONYMS: N/A
DETAILS OF SUPPLIER OF THE SAFETY DATA SHEETCOMPANY:

Twist Bioscience
681 Gateway Boulevard
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

EMERGENCY PHONE #: In the event of chemical emergencies: Contact CHEMTREC 24 Hour
Emergency Telephone: In US: 1-800-424-9300
International number (Outside the US): +1-703-741-5970

B. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.

SECTION 2: HAZARD IDENTIFICATION

THIS PRODUCT IS CONSIDERED NON-HAZARDOUS. No components in this product, at the given concentration, are considered to be hazardous. Despite the classification of certain products/components as non- hazardous, we strongly recommend using prudent laboratory practices: avoiding unnecessary contact and use of personal protective equipment, which may include gloves, eye protection, and lab coats, during the use of any laboratory reagent. Twist Bioscience shall not be held liable for any damages resulting from handling or from contact with the above product.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Part number SKU	Name	Ingredients	CAS #	%
107066 107076	FFPE Repair Buffer	There are no substances or mixtures present which are classified as hazardous.		
107067 107077	Fragmentation/Prime Buffer	There are no substances or mixtures present which are classified as hazardous.		
107068 107078	RT-Buffer	Dimethyl sulfoxide Tris Base	67-68-5 77-86-1	5-15 <1
107069 107079	RT-Enzyme	Glycerol	56-81-5	40-60
107070 107080	Second Strand Enzyme	Glycerol	56-81-5	40-60

Supplier Information:

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Phone: 1-800-719-0671

Other Information:

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Part number SKU	Name	Ingredients	CAS #	%
107071 107081	Second Strand Buffer	There are no substances or mixtures present which are classified as hazardous.		
107072 107082	Ligation Enzyme	Glycerol	56-81-5	40-60
107073 107083	Ligation Buffer	Glycerol PEG6000	56-81-5 25322-68-3	20-40 5-15
107074 107084	Equinox Amplification Master Mix (2X)	Glycerol	56-81-5	10-25
107075 107085	P5/P7 Primer Mix (10X)	There are no substances or mixtures present which are classified as hazardous.		

Additional information: *The specific chemical identity or exact percentages (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29CFR §1910.1210).*

SECTION 4: FIRST AID MEASURES

- SKIN CONTACT: Remove contaminated clothing. Flush affected area with water and then wash with soap or mild detergent and water. Observe for signs of irritation. If irritation is present, get medical attention.
- EYE CONTACT: Wash eyes with large amounts of water or normal saline for a minimal time of 15 minutes. If irritation is present, get medical attention.
- INGESTION: Get medical attention.
- INHALATION: Remove from exposure area to fresh air immediately. Get medical attention immediately.
- INJECTION: If accidentally injected, get medical attention.
- NOTE TO PHYSICIAN: There is no specific antidote. Treat symptomatically and supportively as needed.

SECTION 5: FIRE FIGHTING MEASURES

- Fire and Explosion Hazard: None known to exist.
- Fire Extinguishing Media: Dry chemical, foam, carbon dioxide or water. Warning: Take precaution not to aerosolize the powder, where it could become an inhalation risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- OCCUPATIONAL SPILL: Wear appropriate protective clothing, safety glasses and chemically compatible gloves. Place contaminated material spillage in appropriate container for waste disposal according to site regulation. Wash contaminated clothing before reuse.
- REPORTABLE QUANTITY (RQ): N/A

SECTION 7: HANDLING AND STORING

No special requirements for handling are needed. Store the product -25 C to -15C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS: Use good laboratory practices for handling chemical substances of unknown toxicity. Use in a laboratory hood or other ventilated device. OSHA, ACGIH, or NIOSH has not established occupational exposure limits for this substance.

EYE PROTECTION: Wear safety goggles to prevent eye contact with this substance.

CLOTHING: Wear appropriate protective clothing (laboratory coat with long sleeves) and equipment to prevent skin contact with this material.

GLOVES: Wear appropriate protective gloves to prevent contact with this material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION: Clear, colorless, odorless solution

PH: 6.0-9.0

MOLECULAR WEIGHT: Varies

ODOR: Mild

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under typical conditions of use and storage.

REACTIVITY: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY: N/A

CARCINOGEN STATUS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (1-4): No data available

ACUTE AQUATIC TOXICITY: No data available

DEGRADABILITY: No data available

LOG BIOCONCENTRATION FACTOR (BCF): No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

Ship as non-regulated material, no transportation restrictions apply.

SECTION 15: REGULATORY INFORMATION

The toxicological properties of this material have not been investigated. For research and development purposes only.

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SECTION 16: OTHER INFORMATION

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT:	Short Term Exposure: Possible Irritant Long Term Exposure: No information available
EYE CONTACT:	Short Term Exposure: Possible Irritant Long Term Exposure: No information available
INGESTION:	Short Term Exposure: Possible Irritant Long Term Exposure: No information available
INHALATION:	Short Term Exposure: Possible Irritant Long Term Exposure: No information available
INJECTION:	Short Term Exposure: No information available Long Term Exposure: No information available

THE AFOREMENTIONED INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. TWIST BIOSCIENCE SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.

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