

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: 2X PCR Amplification Mix – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## 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.

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

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681 Gateway Boulevard, South San Francisco, CA 94080  
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Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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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### Supplier Information:

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681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: 5X Enzyme II Buffer – Part of Twist 96-Plex Library Preparation Kit, 4X96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## 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.

### Supplier Information:

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681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

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Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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

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### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: 10mM Tris-HCl – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-3)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080  
TELEPHONE: (800) 719-0671

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

### C. 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

No ingredient in this mixture are considered hazardous at the applicable concentration.

## 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.

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### Supplier Information:

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681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## 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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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

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### Supplier Information:

Twist Bioscience  
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Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: 10X Enzyme I Buffer – Part of Twist 96-Plex Library Preparation Kit, 4X96 Samples (Box-1)  
 PRODUCT NUMBER: 104951  
 SYNONYMS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience

681 Gateway Boulevard  
 South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

EMERGENCY PHONE #: In the event of chemical emergencies: Contact CHEMTRAC 24 Hour Emergency

International number (Outside the US): +1-703-741-5970

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

D. Telephone: In US: 1-800-424-9300;

## 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

Ingredient Name	CAS number	%
Nuclease Free Water	7732-18-5	0.575 – 0.775
Tris-HCl	1185-53-1	0.20 - 0.27
Magnesium Chloride Soln	7786-30-3	0.060 - 0.070

## 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.

### Supplier Information:

Twist Bioscience  
 681 Gateway Boulevard, South San Francisco, CA 94080  
 Email: customersupport@twistbioscience.com  
 Phone: 1-800-719-0671

### Other Information:

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## 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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

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### Other Information:

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## 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.

## 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
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### Supplier Information:

Twist Bioscience  
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Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

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Safety Data Sheet – Index PCR Primer bc# 1- 4 – Part of  
Twist 96-Plex Library Preparation Kit, 4x96 Samples  
PN: 104951

SDS-001091

Revision: 1.0

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Index PCR Primer bc# 1- 4 – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-2)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. 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 CHEMTRAC 24 Hour  
Emergency  
International number (Outside the US): +1-703-741-5970

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS

## 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.

### Supplier Information:

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## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.



Safety Data Sheet – Index PCR Primer bc# 1- 4 – Part of  
Twist 96-Plex Library Preparation Kit, 4x96 Samples  
PN: 104951

SDS-001091

Revision: 1.0

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.

## 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.**

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Bead Wash Buffer – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-3)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080  
TELEPHONE: (800) 719-0671

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

### C. 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

No ingredients in this mixture are considered hazardous at their concentration.

## 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.

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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.

## 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.**

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Capture Beads – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-3)  
PRODUCT NUMBER: 104951  
SYNONYMS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

### C. 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

No ingredient in this mixture are considered hazardous at the applicable concentration.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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

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---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

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## **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

### **A. PRODUCT IDENTIFIERS**

PRODUCT NAME: dNTP Mix I - Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### **B. DETAILS OF SUPPLIER OF THE SAFETY**

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

## **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**

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## **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.

---

### **Supplier Information:**

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### **Other Information:**

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## **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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## **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

### **Supplier Information:**

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### **Other Information:**

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## **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.

## **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.**

---

### **Supplier Information:**

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### **Other Information:**

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: dNTP Mix II – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. 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 CHEMTRAC 24 Hour  
Emergency  
International number (Outside the US): +1-703-741-5970

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## 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.

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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.

## 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

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---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Enzyme II – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. 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 CHEMTRAC 24 Hour  
Emergency  
International number (Outside the US): +1-703-741-5970

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

## 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

Ingredient Name	CAS no	%
Glycerol	56-81-5	NA

## 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.

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Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
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Phone: 1-800-719-0671

### Other Information:

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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.

## 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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Phone: 1-800-719-0671

### Other Information:

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## **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

### **A. PRODUCT IDENTIFIERS**

PRODUCT NAME: GC Primer Plates A 40% and 80% – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-3)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### **B. DETAILS OF SUPPLIER OF THE SAFETY DATA SHEET COMPANY: Twist Bioscience**

681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

### **C. 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**

No ingredients in this mixture are considered hazardous at the applicable concentration.

## **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.

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### **Supplier Information:**

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### **Other Information:**

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## 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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

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### Other Information:

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## 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.

## 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

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: HS Buffer – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-3)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY DATA SHEET COMPANY: Twist Bioscience

681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

### C. 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

No ingredients in this mixture are considered hazardous at the applicable concentration.

## 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.

### Supplier Information:

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Phone: 1-800-719-0671

### Other Information:

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## 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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

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Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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

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Phone: 1-800-719-0671

### Other Information:

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# Safety Data Sheet - Nuclease Free Water – Part of Twist 96-Plex Library Preparation Kit, 4X96 Samples – PN: 104951

SDS-001091

Revision: 1.0

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Nuclease Free Water – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNONYMS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

EMERGENCY PHONE #: In the event of chemical emergencies: Contact CHEMTRAC 24 Hour  
Emergency

International number (Outside the US): +1-703-741-5970

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

D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## 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.

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

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Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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

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Phone: 1-800-719-0671

### Other Information:

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Primer B – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience

681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

EMERGENCY PHONE #: In the event of chemical emergencies: Contact CHEMTRAC 24 Hour

Emergency

International number (Outside the US): +1-703-741-5970

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

D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## 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.

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## **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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## **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

### **Supplier Information:**

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### **Other Information:**

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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.

## 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.**

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Twist DNA Purification Beads - Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-3)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY DATA SHEET

COMPANY: Twist Bioscience  
681 Gateway Boulevard  
South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

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

### C. 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

Ingredient Name	CAS Number	%
Sodium Azide	26628-22-8	0.05

## 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.

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between 2°C to 8°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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.

## 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

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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.**

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.



Safety Data Sheet - Universal PCR Primer – Part of Twist  
96-Plex Library Preparation Kit, 4x96 Samples  
PN: 104951

SDS-001091

Revision: 1.0

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Universal PCR Primer – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-2)  
PRODUCT NUMBER: 104951  
SYNOMYS: N/A

### B. 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 CHEMTRAC 24 Hour  
Emergency  
International number (Outside the US): +1-703-741-5970

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE: For research and development purposes only.  
D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS

## 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.

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.



Safety Data Sheet - Universal PCR Primer – Part of Twist  
96-Plex Library Preparation Kit, 4x96 Samples  
PN: 104951

SDS-001091

Revision: 1.0

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.

## 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.**

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

Information provided herein is believed to be correct but is not deemed to be all inclusive and should only be used as a guide. Twist Bioscience should not be held liable for any damage resulting from handling or from contact with the above product.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### A. PRODUCT IDENTIFIERS

PRODUCT NAME: Enzyme 1 – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-1)

PRODUCT NUMBER: 104951

SYNONYMS: N/A

### B. DETAILS OF SUPPLIER OF THE SAFETY

DATA SHEET COMPANY: Twist Bioscience

681 Gateway Boulevard

South San Francisco, CA 94080

TELEPHONE: (800) 719-0671

EMERGENCY PHONE #: In the event of chemical emergencies: Contact CHEMTRAC 24 Hour Emergency

International number (Outside the US): +1-703-741-5970

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

D. Telephone: In US: 1-800-424-9300;

## 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

NO INGREDIENTS IN THIS PRODUCT CONSIDERED ARE HAZARDOUS AT THEIR GIVEN CONCENTRATIONS.

## 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.

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## 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 at -20°C in a tightly sealed container; prolonged storage between -25°C to -15°C for product integrity.

## 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

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: customersupport@twistbioscience.com  
Phone: 1-800-719-0671

### Other Information:

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## 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.

## 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.**

---

### Supplier Information:

Twist Bioscience  
681 Gateway Boulevard, South San Francisco, CA 94080  
Email: [customersupport@twistbioscience.com](mailto:customersupport@twistbioscience.com)  
Phone: 1-800-719-0671

### Other Information:

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