



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
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 CHEMTREC 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
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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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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
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 CHEMTREC 24 Hour
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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.

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SDS-001091

Revision: 1.0

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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SDS-001091

Revision: 1.0

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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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
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 CHEMTREC 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.

Supplier Information:

Twist Bioscience
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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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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: 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 CHEMTREC 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.

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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 -20c 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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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
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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
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 CHEMTREC 24 Hour
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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.

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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:

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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.



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
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 CHEMTREC 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:

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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:

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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: 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 CHEMTREC 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:

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SDS-001091

Revision: 1.0

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

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:

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Phone: 1-800-719-0671

Other Information:

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Safety Data Sheet - dNTP Mix I - 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: dNTP Mix I - 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 CHEMTREC 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

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Supplier Information:

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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: dNTP Mix II – 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 CHEMTREC 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
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
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 CHEMTREC 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.

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:

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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.

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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Safety Data Sheet – GC Primer Plates 40% and
80% Buffer – 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: GC Primer Plates A 40% and 80% – 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 CHEMTREC 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:

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:

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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:

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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: HS Buffer – 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 CHEMTREC 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:

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:

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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
Phone: 1-800-719-0671

Other Information:

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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 CHEMTREC 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

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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 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
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 CHEMTREC 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

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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: Twist DNA Purification 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 CHEMTREC 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:

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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

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: Universal PCR Primer – Part of Twist 96-Plex Library Preparation Kit, 4x96 Samples (Box-2)
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 CHEMTREC 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

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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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

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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: 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 CHEMTREC 24 Hour
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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.

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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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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
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