

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT IDENTIFIERS

PRODUCT NAME : **Hybridization Mix**
PRODUCT NUMBER : **100212, 100587, 100528, 104235**

SYNONYMS : **NA**

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 contains DMSO which is rapidly adsorbed through skin. No other components in this product, at the given concentration, are considered to be hazardous. Prudent laboratory practices and personal protective equipment is required: avoid unnecessary contact with solution 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 – HAZARDOUS INGREDIENTS

Ingredient Name	CAS Number	Percentage
(EDTA) Ethylenediaminetetraacetic acid disodium salt solution	139-33-3	<0.1-3%
(DMSO) Dimethyl Sulfoxide	67-68-5	5-30%
(20% SDS) Sodium Dodecyl Sulfate	151-21-3	0.1-5%

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: 1-415-216-8966

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: Sulphur oxides can be generated from DMSO
Fire Extinguishing Media: Dry chemical, foam, carbon dioxide or water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Wear appropriate protective clothing, safety glasses and chemically compatible gloves. Avoid inhalation, Avoid sparks. Place contaminated material in appropriate container for waste disposal according to site

REPORTABLE QUANTITY (RQ): Not Applicable

SECTION 7: HANDLING AND STORING

Observe all federal, state, and local regulations. Avoid contact with eyes, skin and clothing. Avoid sparks. Do not ingest or breathe vapor. Wash thoroughly after handling. Keep tightly closed. Store at -20 °C. Use good laboratory practices for handling and storage of chemical substances

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.

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: 6.5-8.5
MOLECULAR WEIGHT: VARIES
ODOR: NONE

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under typical conditions of use and storage

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY: Not Available
CARCINOGEN STATUS: Not Available

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4): 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

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Safety Data Sheet

SDS-001013

Revision: 1.5

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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