



Material Safety Data Sheet

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name	Blend Taq
Product Code	BTQ-101/101T/102/103
SUPPLIER	
Name	Biochemical Operations Department TOYOBO Co., Ltd.
Address	2-8 Dojima Hama 2-chome, Kita-Ku OSAKA 530-8230 JAPAN
Emergency Telephone No.	+81-6-6348-3786
Fax No.	+81-6-6348-3833

2 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Product (Substance/Preparation)	Preparation	
Chemical Nature		
Components	Taq DNA polymerase	Glycerol
Chemical Name	DNA polymerase	Glycerol
Synonym (generic name)	Taq DNA polymerase	
CAS No.	(EC2.7.7.7)	56-81-5
Concentration	<10%	Appox.50%

3 HAZARDS IDENTIFICATION

Most Important Hazards	May cause eye and skin irritation. May cause respiratory and digestivetract irritation.
Specific Hazards	Not available

4 FIRST-AID MEASURES

Inhalation	In case of irritation by inhaling this product, move affected person to fresh air and await recovery. If irritation persists, seek immediate medical attention.
Skin Contact	Wash with clean water, immediately.
Eye Contact	Flush eyes with clean water for more than 15 min, and seek medical attention.
Ingestion	Induce vomiting. If indisposition continues, seek medical attention.

5 FIRE-FIGHTING MEASURES

Extinguishing Media	Water, Carbon Dioxide, Foam, Dry Chemical Powder
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6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear respirator, chemical safety goggles, and rubber gloves.
Environmental Precautions	Recovered as possible
Methods for Cleaning up	Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

7 HANDLING AND STORAGE

HANDLING

Technical Measures Wear a gas mask, rubber gloves and chemical safety goggles. Set up good ventilation and exhaust system in the work area.

Precautions Keep away from fire or heat.

Safe Handling Advice Good laboratory technique should be used when handling this product.

STORAGE

Technical Measures Store in the sampling tube.

Storage Conditions Store at about -20

Incompatible Products Oxidizers

Packaging Materials Store in the original package

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection Wear a gas mask. Set up good ventilation and exhaust system in the work area.

Hand Protection Chemical safety gloves.

Eye Protection Chemical safety goggles.

Skin and Body Protection Long sleeves to prevent contact with skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid
Colour	colorless
Odour	none
pH	7.0-9.0
Boiling Point	Not available
Melting Point	Not available
Decomposition Temperature	Not available
Flash Point	Not available
Density	Not available
Solubility	Soluble in water.

10 STABILITY AND REACTIVITY

Stability	Stable under normal handling and storage conditions
Possible Hazardous Reactions	None
Conditions to Avoid	Not available
Material to Avoid	Strong acids, strong alkalines and strong oxidizers
Hazardous Decomposition Product	Not available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity	Not available (probably very low)
Local Effects	Not available (probably very low)

12 ECOLOGICAL INFORMATION

Mobility	Not available
Persistence/Degradability	Not available
Bioaccumulation	Not available

13 DISPOSAL CONSIDERATIONS

Waste from Residues	Dispose of in accordance with all applicable local and national laws and regulations.
Contaminated Packaging	Dispose in the same way as the material.

14 TRANSPORT INFORMATION

International Regulations

UN Classification Number	Not classified
Specific Precautions	Follow all of the laws and regulations in your respective country. To prevent packages from breaking, handle with care.

15 REGULATORY INFORMATION

Follow all of the laws and regulations in your country.

16 OTHER INFORMATION

Notice	The information in this MSDS, to the best of our knowledge, is accurate and correct. However, TOYOBO makes no warranty and assumes no liability whatsoever in connection with any use of this information.
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