



Material Safety Data Sheet

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name **KOD Dash**

Product Code LDP-101

SUPPLIER

Name Biotech support Department TOYOBO Co., Ltd.

Address 2-2-8 Dojima Hama 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 Preparation

(Substance/Preparation)

Chemical Nature

Components KOD DNA polymerase

Chemical Name DNA polymerase Glycerol

Synonym (generic name) KOD

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 digestive tract 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

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid substance contact

Environmental Precautions Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Methods for Cleaning up The same as the above.



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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 7.0-8.5

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 Not available

Product

11 TOXICOLOGICAL INFORMATION

Acute Toxicity Not available (probably very low)

Local Effects Not available (probably very low)



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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
	Follow all of the laws and regulations in your respective country.
Specific Precautions	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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