



## MATERIAL SAFETY DATA SHEET

Klenthermase™ DNA Polymerase  
Cat. No. GC-018-1000/GC-018-5000

### COMPANY DETAILS

Company: eENZYME LLC  
Address: 401 Professional Drive, Suite 160  
Gaithersburg, MD 20879  
Telephone Number: 1-240-683-5851  
Fax Number: 1-240-683-5852

### IDENTIFICATION SECTION

Product Name	Klenthermase™ DNA Polymerase
Other Names	None
Product Code	GC-018-1000/GC-018-5000
U.N.Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Composition	
Glycerol	50%
Water	25-50%
Others	Components no listed here are not dangerous or their concentrations do exceed the limits specified in the EU 1999/45/EC.

### Physical Description and Properties

Appearance	Clear viscous solution
Melting Point	Not available
Vapor Pressure	Not available
Specific Gravity	Not available
Flash Point	Not available
Flammability Limits	Not available
Solubility	Soluble

### HEALTH HAZARD INFORMATION

#### Health Effects:

##### *Acute*

Swallowed:	May cause irritation
Eye:	May cause irritation
Skin:	May cause irritation
Inhaled:	May cause irritation to upper respiratory tract

##### *Chronic*

Carcinogenic effects:	Not applicable
Mutagenic effects:	Not applicable
Reproductive toxicity:	Not applicable
Sensitization:	Not applicable

#### First Aid:

Swallowed:	If conscious, immediately induce vomiting
Eye:	Wash continuously with water for 15 minutes
Skin:	Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
Inhaled:	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
First Aid Facilities:	Eye bath, safety shower

#### *PRECAUTIONS FOR USE*

Exposure Standards:	No data
Engineering Controls:	General or local exhaust ventilation
Personal Protection:	Safety goggles, uniform, apron, rubber gloves are required!!!
Flammability:	Use in well ventilated area

#### *SAFE HANDLING INFORMATION*

Storage and Transport:	Keep in a tightly closed container. Stored in a cool, dry, ventilated area.
Spills and Disposal:	With clean shovel, carefully place material into clean, dry container and cover. Remove from area. Flush spill area with water. Dispose in accordance with all applicable federal, state and local environmental regulations. Wear self-contained breathing apparatus and full protective clothing.
Fire/Explosion Hazard:	Use extinguishing media appropriate for surrounding fire. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode. Note: decomposes at melting point. Toxic gases produced: hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide.

<i>OTHER INFORMATION</i>
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The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.