



## AmpLong 2X PCR SuperMix (15-30 sec/kb; ≤20kb, 1X)

### Identification of the product/ Substance and of the company

Product Name: AmpLong 2X PCR SuperMix (15-30 sec/kb; ≤20kb, 1X)

Catalog Number: MB204-P040(N)

Use of the product: For laboratory use.

Company identification: BIO-HELIX Co., LTD.

Site: <http://www.bio-helix.com>

E-mail: [info@bio-helix.com](mailto:info@bio-helix.com)

### Composition / Information on ingredients

Ingredients:

Glycerol	10-30%	CAS#56-81-5
Tween™20	20%	CAS#9005-64-5

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### Hazards identification

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Form: Liquid

Principle Routes of Exposure/Potential Health effects

Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available
Specific effects	
Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available
Target Organ Effects	No information available
HMIS	
Health	0
Reactivity	0
Flammability	0





## First Aid Measures

Skin contact: Wash off immediately with plenty of water.  
 Eye contact: Rinse thoroughly with plenty of water, also under the eyelids.  
 Ingestion: Never give anything by mouth to an unconscious person.  
 Inhalation: Move to fresh air.  
 Notes to physician: Treat symptomatically.

## Fire-fighting measures

Suitable extinguishing media: Dry chemical  
 Special protective equipment: Wear self-contained breathing apparatus and protective suit for firefighters

## Accidental release measures

Personal precautions: Use personal protective equipment.  
 Methods for cleaning up: Soak up with inert absorbent material.

## Handling and storage

Handling: No special handling advice required.  
 Storage: Keep in properly labelled contain.

## Exposure controls / personal protection

Occupational exposure controls  
 Exposure limits  
 Engineering measures: Ensure adequate ventilation, especially in confined areas.  
 Personal protective equipment  
 Respiratory protection equipment: In case of insufficient ventilation wear suitable respiratory.  
 Hand protection: Protective gloves.  
 Eye protection: Safety glasses with side-shields  
 Skin and body protection: Lightweight protective clothing.  
 Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.  
 Environmental exposure controls: Prevent product from entering drains.

## Physical and chemical properties

### General Information

Form Liquid

### Important Health Safety and Environmental Information

Boiling point/range	°C No data available	°F No data available
Melting point/range	°C No data available	°F No data available
Flash point	°C No data available	°F No data available
Autoignition temperature	°C No data available	°F No data available
Oxidizing properties	No information available	
Water solubility	No data available	





## Stability and reactivity

Stability: Stable.

Materials to avoid: No information available.

Hazardous decomposition products: No information available.

Polymerization: Hazardous polymerisation does not occur.

## Toxicological information

Acute toxicity

Principle Routes of Exposure/Potential Health effects

Eyes No information available

Skin No information available

Inhalation No information available

Ingestion No information available

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

## Ecological information

Ecotoxicity effects: No information available

Mobility: No information available

Biodegradation: Inherently biodegradable.

Bioaccumulation: Does not bioaccumulate.

## Disposal considerations

Dispose of in accordance with local regulations.

## Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sara Section 355 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

SCA (Toxic Substances Control Act) :

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

Cancerogenity categories



EPA (Environmental Protection Agency) : None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH) : None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health) : None of the ingredients is listed.

Product related hazard information : Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Chemical safety assessment : A Chemical Safety Assessment has not been carried out.

## Transport information

IATA

Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard Class	No information available
Subsidiary Class	No information available
Packing group	No information available
UN-No	No information available

## Other information

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.

The above information was acquired by diligent search and/ or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since Bio-Helix Co., Ltd. Corporation cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Bio-Helix Co., Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.