

# 2X ACE SYBR® Color qPCR Master Mix

Cat# EP2019 – 1.25 ml / EP2020- 5 ml / EP2021 - 25ml

Storage at -20 °C for one year

## Section 1 - Chemical Product and Company Identification

Product Name: 2X ACE SYBR® Color qPCR Master Mix

Product Catalog: EP2019/EP2020/EP2021

Company Identification: ACE BIOLABS CO., LTD.

Address : 6F., No.68, Qingsheng 2nd St., Dayuan Dist., Taoyuan City33743, Taiwan(R.O.C)

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Tel: +886-3-2870051

## Section 2 – Hazards identification

### GHS - Classification

Health hazards: Not Hazardous

Physical hazards: Not Hazardous

Environmental Hazards: Not Hazardous

### Label elements

Signal word: None

Hazard pictograms: None

Hazard pictograms names: None

Hazard Statements: Not Applicable

### **Precautionary Statements**

Prevention: Not Applicable

Response: Not Applicable

Storage: Not Applicable

Disposal: Not Applicable

**Other hazards:** Not Applicable

## Section 3 - Composition, information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution

Item	Concentration	EC. No	CAS. No	Classification
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KCl	<1%	231-211-8	7447-40-7	Not classified
(NH <sub>4</sub> )SO <sub>4</sub>	<1%	231-984-1	7783-20-2	Not classified
Glycerol	<10%	200-289-5	56-81-5	Not classified

## Section 4 - First aid measures

### DERMAL EXPOSURE

Rinse with plenty of water. Immediate medical attention is not required.

### Eye exposure

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

### Inhalation

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material.

Consult a physician if necessary

### Ingestion

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

## Section 5 - Fire fighting measures

**Flash point:** N/A

**Autoignition temp:** N/A

**Flammability:** N/A

**Suitable Extinguishing media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

### FIREFIGHTING

**Protective Equipment:** N/A

**Specific Hazard(s):** N/A

## Section 6 - Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See Section 8 for more detail.

### Environmental precautions

No special environmental precautions required.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material.

### Reference to other sections

See section 8 for more information

## Section 7 - Handling and storage

### Handling

Use personal protective equipment as required. No special handling advices are necessary.

### Storage

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

## Section 8 - Exposure Controls, Personal Protection

### Exposure Limits

Contains no substances with occupational exposure limit values.

### Personal protective equipment

**Respiratory:** In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards

**Hand:** Protective gloves.

**Eye:** Chemical safety goggles.

## Section 9 – Physical and chemical properties

Information on basic physical and chemical properties

**Appearance:** clear light blue colored liquid

**Odor:** N/A

**pH:** 8.0

**Melting point / melting range:** N/A

**Boiling point / boiling range:** ~100°C

**Flash point:** N/A

**Autoignition temperature:** N/A

**Decomposition temperature:** N/A

**Evaporation rate:** N/A

**Flammability (solid, gas):** N/A

**Upper explosion limit:** N/A

**Lower explosion limit:** N/A

**Vapour Pressure:** N/A

**Relative density:** N/A

**Specific gravity:** N/A

**Solubility:** N/A

**Partition coefficient:** N/A

### Other information

No data available.

## Section 10 – Stability and reactivity

Stable: Stable under normal temperatures and pressures.

Conditions to Avoid: N/A

Materials to Avoid: N/A

Hazardous Polymerization: N/A

## Section 11 - Toxicological information

There is no evidence available indicating acute toxicity.

### Route of exposure

Skin Contact: Conclusive but not sufficient for classification

Eye Contact: Conclusive but not sufficient for classification

Chemical name	LD50 Oral	LD50 Dermal
KCl	2600 mg/kg (Rat)	-
Glycerol	12600 mg/kg(Rat)	21900 mg/kg(Rat)

## Section 12 - Ecological information

### Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Persistence and degradability:** N/A

**Bioaccumulative potential:** N/A

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other adverse effects:** N/A

## Section 13 - Disposal considerations

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

## Section 14 - Transport information

**DOT (US):** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

## Section 15 - Regulatory information

**International Inventories:** N/A

**Taiwan:** N/A

**China:** N/A

**Korea:** N/A

## Section 16 - Additional information

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