



## Material Safety Data Sheet

Product Name: Ezplex® 2019-nCoV Real-time PCR Kit

### 1. Chemicals & Company Information

A. Product Name	Ezplex® 2019-nCoV Real-time PCR Kit
B. Recommended Use & Restrictions on its Use	
Recommended Use	The product is a Kit for gene detection from samples based on realtime polymerase chain reaction (PCR) testing. It is prohibited for use unless in compliance with the recommended use.
Restrictions on its Use	The Kit is manufactured for molecular diagnosis of clinical materials. It should be used ONLY by a person qualified in using clinical materials or with testing experience in molecular biology.
C. Manufacturer/Supplier/Distributor Information	
Supplier Name	SML GENETREE Co., Ltd.
Company Address	6 <sup>th</sup> Floor, Hanmaeum Building, 225 Baumoe-ro, Seocho-gu, Seoul, Republic of Korea
Information Provider or Contact Information	02-2057-7900

### 2. Adverse Effects & Hazard

A. Classification of Adverse Effects & Hazard	The above compounds do not contain any toxic substances. (67/548/EEC)
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### 3. Emergency Measures (First Aid)

A. When it gets into your eyes:	When it gets into your eyes, immediately wash it off with a lot of water for at least 15 minutes.
Please immediately contact and consult a doctor	for proper treatment when the chemicals get into your eyes.
B. When it contacts your skin:	Remove the chemicals with a lot of soapy water for at least 15 minutes.
Remove the chemicals after taking off the contaminated clothes and shoes.	
Wash the contaminated clothes and shoes before wearing them again.	
Please immediately contact and consult a doctor	for proper treatment when the chemicals contact your skin.
C. When you inhaled it:	Move the patient to a non-contaminated area with fresh air.
Please immediately contact and consult a doctor	for proper treatment when you have inhaled the chemicals.
When symptoms are observed owing to its exposure, move the patient	to a non-contaminated area.
C. When you swallowed it:	Call 119 or any other emergency medical treatment center for an immediate evacuation.
Make sure that the patient's head is in a lower position than the hip	to prevent respiratory obstruction upon vomiting.
Do not induce vomits for there may be a risk of seizure or respiratory arrest.	
Make sure that the patient drinks a lot of water.	
When the patient is unconscious, turn the patient's head	to prevent respiratory obstruction.

#### 4. Critical Acute and Delayed Symptoms/Effects

Inhalation

Short term exposure                      None (no reported toxicity)

Long term exposure                      None (no reported toxicity)

Ingestion

Short term exposure                      None (no reported toxicity)

Long term exposure Occasionally, it may irritate your mouth, esophagus and respiratory tract.

Skin (Dermal) exposure

Short term exposure                      None (no reported toxicity)

Long term exposure Occasionally, it may cause skin irritation or allergic reactions.

Eye contact

Short term exposure                      None (no reported toxicity)

Long term exposure Occasionally, it may cause eye irritation.

## 5. Explosion & Fire Fighting Measures

Not applicable
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## 6. Leakage Accident Management

Not applicable
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## 7. Handling & Storage

A. Safe handling guideline                      Wear protective clothing and equipment before using the product.

Pay attention to prevent contamination of skin, eyes or clothes.

B. Safe storage method                      Keep the product at -20°C or below.

Do not store the product with samples.

## 8. Protection & Protective Equipment

### A. Protective equipment

Eye protection	Wear safety goggles.
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Hand protection	Wear chemical-resistant protective gloves to prevent direct contact of chemicals.
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Body protection	Wear chemical-resistant protective clothing to prevent skin exposure.
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## 9. Physiochemical Characteristics

### A. Appearance

Property	Colorless and odorless liquid
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Color Colorless

B. Odor	None
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## 10. Stability & Reactivity

A. Chemical stability	Stable
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#### 11. Toxicity Information

It does not contain any reported toxic substances.

#### 12. Environmental Effects

Not applicable

#### 13. Precautions for its Disposal

A. Disposal method

Incinerate or melt at a high temperature.

B. Precautions for its disposal

Take into consideration of the relevant precautions specified in the Waste Control Act.

#### 14. Delivery (Transport) Information

Not applicable

#### 15. Related Mandatory Regulations

None

#### 16. Other References

A. Data source 67/548/EEC

B. Initial written date 2020-02-17

C. Number of revisions & final revision  
(update) date

Number of revisions 0

Final revision date 0

D. Others

The information specified above should not be regarded as information that covers every matter; and all materials and compounds may contain unknown (not yet reported) hazardous substances. Thus, they should be handled with special care. Our company is not liable for any damages or loss arising from handling or contact of the product described in MSDS because we are not capable of controlling the actual use, amount used and/or handling conditions.

**The End.**