

# MATERIAL SAFETY DATA SHEET

**Preparation date:** 15.02.2020

**Revision date:** 02.03.2020

## **1. COMPANY IDENTIFICATION**

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## **2. PRODUCT IDENTIFICATION**

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**Name :** COVID-19 Real Time PCR Kit

**Cat #:** 114R-10-01

**Recommended restriction:** For Professional users only.

The product is a kit consisting of individual ingredients. The classification of the ingredients can be obtained from section 3.

This kit does not contain substances which is considered to be hazardous to health and environment.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

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**Hazard Description:** Classification according to Directive 67/548/EEC or Directive 1999/45/EC

**Description:** Solutions, consisting of the following components.

**Components:** Taq DNA Polymerase, Tris, KCl, MgCl<sub>2</sub>, dNTP, Oligonucleotide, Reverse Transcriptase, Probes, Water. (>%90)

**Classification (67/548/EEC, 1999/45/EC)**

Not a hazardous substance or mixture.

**Hazardous components**

No hazardous ingredients

**Other components**

Components not listed here are not dangerous or their concentrations do not exceed the limits specified in the EU directive 1999/45/EC.

**Warning:** The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. For the wording of the listed risk phrases refer to section other information.

#### **4. FIRST –AID MEASURES**

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**In case of skin contact,** wash with copious amounts of water.

**In case of eye contact,** wash with copious amounts of water also under the eyelids.

**In case of ingestion,** do not give anything by mouth to an unconscious person. If disorders persist, consult to a physician.

**In case of inhalation,** supply fresh air, consult doctor in case of complaints.

#### **5. FIRE FIGHTING MEASURES**

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**Suitable extinguishing media:**

Adapt protective measures in the environment fire fighting.

**Extinguishing media not to be used:**

Nothing.

**Special risks:**

No dangerous decomposition is to be envisaged.

**Equipments of protection:**

Usual protection equipment for the staff appointed to firefighting.

#### **6. ACCIDENTAL RELEASE MEASURES**

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**Procedure of individual precaution:**

No particular precaution is required

**Precaution for the protection of environment:**

Do not reject in channeling, in streaming waters or in ground waters.

**Methods for cleaning up:**

Dilute with a lot of water. Collect liquids using absorbent product (sand, acid neutralizer, universal binder, sawdust).

## **7. HANDLING AND STORAGE**

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**Handling:**

No particular manipulation is required. Usual precautions for the manipulation of chemicals must be applied.

**Storage:**

Store at -20°C according to the conditions of storage indicated on the component of the kit. No other limitation.

**Particular use:**

Nothing.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

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**Value exposure limits:**

Nothing

**Exposure control:** Respect to the good laboratory practices.

**Respiratory protection:** Nothing

**Hand protection:** Impervious gloves.

**Eye protection:** Safety glasses with side protections.

**Sky and body protection:** Protective clothes.

**Environmental exposure control:**

Avoid product spreading in sewers.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Form:** Solution

**Colour:** Colourless

**Odour:** Odourless

**Change in condition:**

**Melting point /Melting range :** Undetermined

**Boiling point/ Boiling range :** Undetermined

**Flash point:** Not applicable

**Self- igniting:** Product is not selfigniting

**Danger of explosion:** Product does not present an explosion hazard.

**Density:** Undetermined

**Solubility in / Miscibility with :** Water, Fully miscible.

**pH value at 25 ° C:** 8,8

## **10. STABILITY AND REACTIVITY**

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**Stability:**

Stable under normal conditions of use.

**Products to avoid:**

No available information.

**Hazardous decomposition products:**

No available information.

**Ability to react:**

No dangerous ability to react for this product is to be foreseen.

## **11. TOXICOLOGICAL INFORMATION**

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To the best of our knowledge, no symptom ever appeared. The physical, chemical and toxicological properties have not been thoroughly investigated.

## **12. ECOLOGICAL INFORMATION**

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**Ecotoxicity:** N/A

**Mobility:** N/A

**Obstinacy and degradability:** N/A

**Potential of bioaccumulation:** N/A

**Result of PBT:** N/A

**Other harmful effects:** N/A

### **13. DISPOSAL CONSIDERATIONS**

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**Elimination of substances:**

Dispose of in accordance with local regulation.

### **14. TRANSPORT INFORMATION**

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**GGVS/ADR, GGVE/RID:**

Not hazardous for road transport.

**IMDG:**

Not hazardous for sea transport.

**IATA/ICAO:**

Not hazardous for air transport.

### **15. REGULATORY INFORMATION**

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**Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives.

Product is not considered as being dangerous.

**Warning:** This product was not fully tested.

### **16. OTHER INFORMATION**

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