

## MATERIAL SAFETY DATA SHEET

SNP Biotechnology R&D Ltd.

Hacettepe Technopolis  
Ankara / TURKEY

**For information :** +90 312 2992328

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### **1. CHEMICAL IDENTIFICATION**

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**Name :** Viral RNA Extraction Kit

**Cat #:** 21S-04-15 (150 RXN)

21S-04-25 (250 RXN)

21S-04-50 (500 RXN)

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

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Components of this product are not expected to be hazardous or produce significant adverse health effects when recommended instructions for use are followed.

### **3. HAZARDS IDENTIFICATION**

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**Label precautionary statements:**

**Irritant**

Irritating to eyes, respiratory system and skin

**Target Organ (s) :** CNS, kidneys, liver

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Take off immediately all contaminated clothing

### **4. FIRST –AID MEASURES**

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In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

In case of contact, immediately wash skin with soap and copious amounts of water.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious call a physician.

Wash contaminated clothing before reuse.

## **5. FIRE FIGHTING MEASURES**

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**Extinguishing media:** Water spray

Carbon dioxide, dry chemical powder or appropriate foam

**Special firefighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire and explosions hazards:** Emits toxic fumes under fire conditions

## **6. ACCIDENTAL RELEASE MEASURES**

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Wear respirator, chemical safety goggles, boots and heavy gloves. Absorb with an inert material and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## **7. HANDLING AND STORAGE**

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Refer to exposure control/personal protection

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

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Chemical safety goggles, compatible chemical-resistant gloves, Niosh/Msha-Approved respirator, safety shower and eye bath, mechanical exhaust required.

Do not breathe vapor.

Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

Keep tightly closed.

Store in a cool dry place.

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

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**Appearance :** Liquid, colorless

## **10. STABILITY AND REACTIVITY**

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**Incompatibilities:** Strong oxidizing agents

Hazardous combustion or decomposition products

**Toxic fumes of:** Carbon Monoxide, carbon dioxide, nitrogen oxides

## **11. TOXICOLOGICAL INFORMATION**

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**Acute Effects:** May be harmful by inhalation, ingestion or skin absorption.

Material is irritating to the eyes, mucous membranes and upper respiratory tract.

Causes skin irritation.

**Chronic effects:**

**Target Organ (s) :** CNS, kidneys, liver

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## **12. ECOLOGICAL INFORMATION**

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Data not yet available

## **13. DISPOSAL CONSIDERATIONS**

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Observe all federal, state and local environmental regulations.

## **14. TRANSPORT INFORMATION**

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Not regulated

## **15. REGULATORY INFORMATION**

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European information

Caution : Substance not yet fully tested

Irritant

R: 36/37/38

Irritating to eyes, respiratory system and skin

S: 36/37/39

Wear suitable protective clothing, gloves and eye/face protection

## **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 R&D Ltd. does shall not be held liable for any damage resulting from handling or from contact with the above product.