



# **SAFETY DATA SHEET**

### 1. Identification of the Substance/Preparation and of the company/ Undertaking

**Product Name** : TheraMag Viral RNA Extraction Kit

: Viral Lysis Buffer, Viral MagNa mix, Viral Wash Buffer, Viral Elution Buffer **Kit Components** 

: MagGenome Technologies Pvt. Ltd. Company

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

#### 2. Hazards Identification

#### **GHS - Classification**

Signal Word : Non-Hazardous **Health Hazards** : Non-Hazardous **Physical Hazards** : Non-Hazardous

### Principle Routes of Exposure/Potential Health effects

Eyes : May cause eye irritation in susceptible persons Skin : May cause skin irritation in susceptible persons

Inhalation : Maybe harmful by inhalation Ingestion : Maybe harmful if swallowed

### **Other Effects**

**Carcinogenic Effects** : None **Mutagenic Effects** : None **Reproductive Toxicity** : None Sensitization : None

**Target Organ Effects** : No known effects under normal use conditions

### **HMIS**

Health : 0 : 0 Flammability Reactivity : 0 **Personal Protection** : C

Note: C - Safety Glasses, Gloves, Synthetic Apron

## 3. Composition/Information on Ingredients

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







4. First Aid Measures

Skin Contact : Rinse with plenty of water. If symptoms arise, call a physician

Eye Contact : Rinse immediately with plenty of water, also under the eyelids, for at

least 15minutes. If symptoms persist, call a physician

Ingestion : Never give anything by mouth to an unconscious person. If symptoms

persist, call a physician Do not induce vomiting without medical advice.

Inhalation : Move to fresh air. If symptoms persist, call a physician. If not breathing,

give artificial respiration

Notes to Physician : Treat symptomatically

5. Fire Fighting Measures

Suitable extinguishing media : Water spray. Carbon dioxide (CO2). Foam. Dry chemical

Special protective equipment for : Wear self-contained breathing apparatus and protective suit

firefighters

6. Accidental Release Measures

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

Environmental precautions : Prevent further leakage or spillage if safe to do

See Section 12 for additional information

7. Handling and Storage

Handling : Always wear recommended Personal Protective Equipment. No special

handling advice required

Storage : Keep in a dry, cool, and well-ventilated place.

8. Exposure Controls/ Personal Protection

**Exposure limits** : Contains no substances with occupational exposure limit values. Avoid

repeated exposure

Engineering measures : Ensure adequate ventilation, especially in confined areas. Equipped

with eye wash facility and safety shower

Personal protective equipment : Personal Protective Equipment requirements are dependent on the

user institutions risk assessment and are specific to the risk assessment

for each laboratory where this material may be used

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Not normally required if used as directed

Eye protection : Safety glasses with side-shields

Skin and body protection : Wear protective clothing including impervious boots, gloves, lab coat
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls : Prevent product from entering drains











## 9. Physical and Chemical Properties

### **General Information**

**Physical State** : Liquid Color : Colorless Odor : Not applicable

**Boiling Point/Range** : Not applicable Melting Point/Range : Not applicable

: 250 ° C Flash point

: Not applicable Auto- ignition temperature Oxidizing properties : Not applicable

Water solubility : Soluble

Danger of explosion : Does not possess any explosion hazard

## 10. Stability and Reactivity

Stability : Stable under normal temperature and pressure

Materials to avoid : No dangerous reaction known under conditions of normal use

Hazardous decomposition Products : None under normal use

Hazardous Polymerization : Polymerization does not occur

## 11. Toxicological Information

## **Acute Toxicity Values**

Oral LD50 : Not applicable Inhalation LC50 : Not applicable Dermal LD50 : Not applicable

#### Principle Routes of Exposure/Potential Health effects

Eyes : May cause eye irritation Skin : May cause skin irritation Inhalation : May be harmful if inhaled : May be harmful if swallowed Ingestion

Carcinogenic Effects : Not applicable Mutagenic Effects : Not applicable Reproductive Toxicity : Not applicable Sensitization : Not applicable

**Target Organ Effects** : No known effects under normal use conditions

**Embryotoxicity** : Not applicable

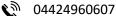
## 12. Ecological Information

**Ecotoxicity effects** : Not applicable Mobility : Not applicable

Biodegradation : Inherently biodegradable Bioaccumulation : Does not bioaccumulate











## 13. Disposal Consideration

Dispose of in accordance with local regulations and laws

## 14. Transport Information

#### **IATA**

Proper shipping name : Not classified as dangerous in the meaning of transport regulations

Hazard class : Not applicable
Subsidiary Class : Not applicable
Packing Group : Not applicable
Un-Number : Not applicable

### 15. Regulatory Information

**U.S. Federal Regulations** 

SARA 313 : This product is not regulated by SARA Clean Air Act, Section 112 Hazardous : This product does not contain HAPs

Air Pollutants (HAPs) (see 40 CFR 61)

**U.S. State Regulations** 

California Proposition 65 : This product does not contain chemicals listed under Proposition 65

WHMIS Hazard Class : Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

#### 16. Other Information

MSDS prepared by : MagGenome Technologies Pvt. Ltd.

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