



# SAFETY DATA SHEET

1. Identification of the Substance/Preparation and of the company/ Undertaking		
Product Name	: XpressDNA Mycobacterium Kit	
Kit Components	: MTB Enzyme Buffer, MTB Lysis Buffer, Proteinase K (Lyophilized), Proteinase K Dilution Buffer, RNase A, MTB MagNa Mix, MTB Wash Buffer 1, MTB Wash Buffer 2, MTB Elution Buffer	
Company	: MagGenome Technologies Pvt. Ltd.	

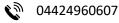
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

2. Hazards Identification	
GHS - Classification	
Signal Word	: Non-Hazardous
Health Hazards	: Non-Hazardous
Physical Hazards	: Non-Hazardous
Principle Routes of Exposure/Potenti	al 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
Flammability	: 0
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 Propertie	'S
General Information	
Physical State	: Liquid
Color	: Colorless
Odor	: Not applicable
Boiling Point/Range	: Not applicable
Melting Point/Range	: Not applicable
Flash point	: 250 ° C
Auto- ignition temperature	: Not applicable
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**

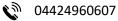
#### **Acute Toxicity Values**

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
Ingestion	: May be harmful if swallowed
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	
ΙΑΤΑ	
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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**Disclaimer:** The above information is based on our experience, knowledge, and diligent search. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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