



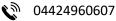
SAFETY DATA SHEET

| 1. Identification of the | Substance/Preparation and of the company/ Undertaking | | | |
|---|---|--|--|--|
| Product Name | : XpressDNA Pathogen Urine Kit | | | |
| Kit Components | : Pathogen Enzyme Buffer, Pathogen Lysis Buffer, Proteinase K (Lyophilized), Proteinase K Dilution Buffer, RNase A, Pathogen MagNa Mix, Pathogen Wash Buffer 1, Pathogen Wash Buffer 2, Pathogen Elution Buffer | | | |
| Company | : MagGenome Technologies Pvt. Ltd. | | | |
| For research use only. Not intended for human or animal diagnostic or therapeutic uses. | | | | |
| 2. Hazards Identification | n | | | |
| GHS - Classification Signal Word Health Hazards Physical Hazards | : Non-Hazardous : Non-Hazardous : Non-Hazardous | | | |
| | osure/Potential Health effects | | | |
| Eyes Skin | : May cause eye irritation in susceptible persons : 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 Sensitization | : None : 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

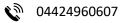
The product contains no substances which at their given concentration, are hazardous to health. However, we recommend handling all chemicals with caution.







| 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, | | |
| Notos to Physician | 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 | | |
| Storage | 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. | | |
| Evo protoction | Not normally required if used as directed | | |
| Eye protection | : Safety glasses with side-shields | | |
| Skin and body protection Hygiene measures | : Wear protective clothing including impervious boots, gloves, lab coat : Handle in accordance with good industrial hygiene and safety practice | | |
| Environmental exposure controls | : Prevent product from entering drains | | |
| | . Trevent product from entering drains | | |



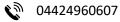




| 9. Physical and Chemical Properties | | | |
|---------------------------------------|--|--|--|
| General Information | | | |
| Physical State | : Liquid | | |
| Color | : Colorless | | |
| Odor | : Not applicable | | |
| Boiling Point/Range | : Not applicable | | |
| Melting Point/Range | : Not applicable | | |
| 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/Potentia | l 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 | | |

ihh : Inherently biodegradable

Biodegradation







: Does not bioaccumulate

| 13. | Disposa | l Consideration |
|-----|---------|-----------------|
| тэ. | Disposa | 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. |

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

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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