

MATERIAL SAFETY DATA SHEET



Section 1. Identification
Product: Magnetic Fluid-Amine Catalog-No.: MF-NHH-0030, MF-NHH-0060, MF-NHH-0090 Manufacturer: MagQu Co., Ltd. Address: 3F, No.12, Lane 538, Zhongzheng Rd., Xindian Dist., New Taipei City 231, Taiwan Tel: 886-2-8667-1897 Fax: 886-2-8667-1809 E-mail: info@magqu.com Website: www.magqu.com
Section 2. Composition/Information on Ingredients
The magnetic beads consist of single-crystal Fe ₃ O ₄ magnetic sphere core and being coated with dextran. Through chemical modification of dextran, the magnetic beads are functionalized with primary amino group (-NH ₂) on a short hydrophilic linker. The beads are suspended in pH-7.4 PBS.
Section 3. Hazards Identification
There are no known hazards identified with this product.
Section 4. First Aid Measures
Eyes: Flush with large amounts of water for at least 15 minutes. Wash contaminated clothes before reuse. Consult a physician if irritation persists. Skin: Wash off with soap and plenty of water. Ingestion: Flush mouth with water. Get medical attention Inhalation: Remove from exposure to fresh air immediately.
Section 5. Fire Fighting Measures
Extinguishing Media: Foam, CO ₂ , Water, Dry Chemical Unusual Fire and Explosion Hazards: N/A
Section 6. Accidental Release Measures
Contain spill and then clean up with copious amount of water. Avoid contact with skin and clothing.
Section 7. Exposure Control/Personal Protective Measures
Do not pipette by mouth. Do not eat, drink or smoke in areas where kit reagents or samples are handled. Avoid contact of skin or mucous membranes with kit reagents or specimens. Rubber or disposable latex gloves and protective clothing should be worn while handling kit reagents or specimens. Avoid splashing or generation of aerosols.
Section 8. Handling and Storage
Store product at 2-8°C. Do not freeze and far away from magnets.
Section 9. Physical and Chemical Properties
N/A

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Section 10. Stability and Reactivity
Stable
Section 11. Toxicological Information
Acute effects: May cause skin and eye irritation. May be harmful if absorbed through the skin. May cause irritations to mucous membranes and upper respiratory tract. May be harmful if swallowed. Chronic effects: Have not been thoroughly investigated.
Section 12. Ecological information
N/A
Section 13. Disposal guidelines
Dispose all excess reagents and samples in biohazardous waste. Alternatively excess reagents and samples, as well as empty reagent containers can be autoclaved for at least one hour prior to discarding. Observe all federal, state and local environmental regulations.
Section 14. Transport information
Product and all components should be transported at 2-8°C.
Section 15. Regulatory information and considerations
N/A
Section 16. Other
The product is for research use only, not for use in diagnostic procedures.