

## PRODUCT AND COMPANY INFORMATION

- ◆ **Product name:** FluoMag
- ◆ **Catalog number:** FP10100, FC10100, FS10100, FV10100
- ◆ **Chemical name or synonyms:** none
- ◆ **Kit contains:**
  - FluoMag                      FP10100 - 100µl, FC10100 - 100µl, FS10100 - 100µl, FV10100 - 100µl
- ◆ **Contact:**

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## HAZARDOUS INGREDIENTS

This product contains hazardous ingredients (yes; no; not available; n/i): NO  
This product contains hazardous carcinogens (y; n; n/a; n/i): NO

## HEALTH HAZARD DATA

### ◆ Health Effects:

**Magnetic Plate:** peoples with cardiac pacemaker should not work with the magnetic device. Danger of injury by strong magnetic attraction.

**FluoMag:** could be irritating.

### ◆ Primary Routes of Entry:

**Magnetic plate:** none

**FluoMag:** ingestion.

### ◆ Medical Conditions Aggravated by Exposure:

**Magnetic plate:** Do not approach the plate to peoples having a cardiac pacemaker.

**FluoMag:** not known

### ◆ Emergency First Aid Procedures:

- **Eyes contact** – Flush contaminated eye(s) with large volumes of water for at least 15 minutes. Get medical attention if eye(s) remain irritated.
- **Skin contact** – Flush contaminated areas with large volumes of water for at least 15 minutes. Wash skin with soap and water. Remove contaminated clothing. Get medical attention if skin remains irritated. Wash contaminated clothing before reuse.
- **Ingestion** – Keep victim warm and calm. Wash out mouth with water if the person is conscious. Get immediate medical attention.
- **Inhalation** – Move victim to fresh air. Give oxygen if breathing becomes difficult.

## CHEMICAL DATA

- ◆ **Boiling Point:** 100°C (212°F)
- ◆ **Vapor Pressure:** N/I
- ◆ **Vapor density:** N/I
- ◆ **Solubility in Water:** fully miscible

- ◆ **Specific Gravity (water = 1):** N/I
- ◆ **Percent volatile by volume:** N/I
- ◆ **Evaporation Rate:**

### ◆ Appearance and odor information:

**FluoMag:** Braun solutions, odorless

## PHYSICAL HAZARD DATA

- ◆ **Flash Point:** N/A
- ◆ **Extinguishing Media:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### ◆ Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective garments. If possible have this product removed from fire scene. Do not inhale explosion gases or combustion gases.

### ◆ Unusual Fire and Explosion Hazards

**FluoMag:** Emit toxic fumes under fire conditions, but product does not present an explosion hazard.

## REACTIVITY DATA

- ◆ **Incompatibility (material to avoid):**

**Magnetic plate:** Keep away from storage devices such as hard disks, ID and credit cards; otherwise stored data may be deleted.

**FluoMag:** react with acids, alkalis and oxidizing agents.

◆ **Hazardous Decomposition Products:**

**Magnetic plate:** none

**FluoMag:** hazardous pyrolysis product: carbon monoxide, carbon dioxide, nitrogen oxides

◆ **Will Hazardous Polymerization Occur:**

**Magnetic plate:** none

**FluoMag:** hazardous polymerization will not occur.

◆ **Is the product stable:**

**Magnetic plate:** yes, under normal temperature.

**FluoMag:** yes, under normal temperature.

◆ **Condition to avoid/stability:**

**Magnetic plate:** Excess heat, flame

**FluoMag:** Excess heat, flame

## SPILL AND LEAK PROCEDURES

◆ **Steps to be taken in Case Material is Released or Spilled:**

**FluoMag:** Initiate cleaning up immediately. Use an absorbent material to contain/pick up the spilled solution. Once spent, place all the contaminated disposables into a suitable container, seal, label and dispose.

◆ **Waste Disposal Method:**

**FluoMag:** Contact a licensed professional waste disposal service to dispose of this material. Dispose in accordance with governmental environmental regulations.

## EXPOSURE CONTROL INFORMATION

◆ **Ventilation Data:**

**Magnetic plate:** none

**FluoMag:** Provide adequate general exhaust ventilation.

◆ **Respiratory Protection:**

**Magnetic plate:** none

**FluoMag:** None required if ventilation is adequate.

◆ **Protective Gloves:**

**Magnetic plate:** none

**FluoMag:** Rubber or chemical resistant gloves should be worn.

◆ **Other Protective Equipment:**

**Magnetic plate:** none

**FluoMag:** Approved safety glasses with side shields are advised. Eye wash station should be available. Finally, a lab coat should be worn.

◆ **Other Engineering Controls:**

**Magnetic plate:** none

**FluoMag:** none

◆ **Work Practices:**

**Magnetic plate:** none

**FluoMag:** Good laboratory technique should be used when handling this product. Do not mouth pipette. Observe appropriate chemical hygiene. Avoid contact with skin or eyes.

◆ **Hygienic Practices:**

**Magnetic plate:** none

**FluoMag:** Do not eat, drink or smoke while working with reagents. Upon completion of work activities involving this product, wash any exposed body areas thoroughly with soap and water.

## SPECIAL PRECAUTIONS

◆ **Precaution to be taken in Handling and Storage:**

See package insert for storage information. **DO NOT FREEZE NANOPARTICLES SOLUTIONS**

◆ **Maintenance Precautions:**

**Magnetic plate:** clean up the plate after use with a 70% ethanol solution.

**FluoMag:** none

◆ **Other Precautions:**

**Magnetic plate:** none

**FluoMag:** none

◆ **Other Comments:**

N-No, Y-Yes, N/A-Not Applicable, N/I-No Information.

The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.

OZ Biosciences shall not be held liable for any damage resulting from handling or from contact with the product.