

Material Safety Data Sheet

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"DIMENSION" CLINICAL CHEMISTRY SYSTEM MG FLEX(TM) REAGENT CARTRIDGE  
QADM0011 Revised: 04/12/2002  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

CAT. NO. DF57  
MAGNESIUM FLEX(TM) REAGENT CARTRIDGE  
MG FLEX(TM) REAGENT CARTRIDGE  
"DIMENSION" MG FLEX(TM) REAGENT CARTRIDGE  
AMAPS 717057.901

Company Identification

MANUFACTURER/DISTRIBUTOR  
Dade Behring Inc.  
P. O. Box 6101  
Newark, DE 19714-6101

PHONE NUMBERS

Product Information : 800-441-9250  
Transport Emergency : CHEMTREC 800-424-9300  
Medical Emergency : 800-228-5635 ext 284

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
MTB Solution (non hazardous)		
WATER	7332-18-5	99.6
Ba-EGTA Solution		
SODIUM METABORATE, HYDRATE	15293-77-3	2.42
WATER	7732-18-5	97.42

HAZARDS IDENTIFICATION

Potential Health Effects

Since this mixture has not been tested as a whole to determine the hazards by all routes of exposure, information is provided for each hazardous component of the mixture to meet requirements of OSHA's Hazard Communication Standard (29 CFR 1910.1200). The effects noted occur from exposure to the pure component unless otherwise noted.

#### INFORMATION FOR COMPONENTS

No hazardous exposure with normal use of this product.

MTB solution does not contain hazardous components as defined by the OSHA Hazard Communication standard. However, it does contain dye material (<0.1%) which may stain skin or clothing.

#### Barium-EGTA Solution

Sodium Metaborate is a skin and eye IRRITANT and is TOXIC by ingestion. Prolonged or intense eye exposure may cause corrosion with corneal and conjunctival ulceration. Ingestion may cause nausea, diarrhea, vomiting, headache, weakness, and irritation of the mouth and throat. Long term exposures to this material may lead to effects reported for borate poisoning, such as temporary nervous system depression with anaesthetic effects such as dizziness, headache, confusion, incoordination, and loss of consciousness, gastroenteritis and abdominal pain; kidney damage and jaundice.

#### Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

### FIRST AID MEASURES

#### First Aid

##### INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Call a physician.

##### SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

## EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

## INGESTION

Ingestion is not an expected route of exposure during normal use of the product. If swallowed, consult a physician.

## FIRE FIGHTING MEASURES

### Extinguishing Media

Use media appropriate for surrounding material.

### Fire Fighting Instructions

Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

## ACCIDENTAL RELEASE MEASURES

### Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

### Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

## HANDLING AND STORAGE

### Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

### Storage

Do not mix with incompatibles as listed below.

See package/insert sheet.

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Personal Protective Equipment

Eye/Face : safety glasses  
Protective Gloves : latex or nitrile

##### Exposure Guidelines

Exposure Limits: None established

#### PHYSICAL AND CHEMICAL PROPERTIES

##### Physical Data

Self-contained cartridge with MTB solution in wells 1 to 3  
and Barium-EGTA solution in wells 4 to 6.

#### STABILITY AND REACTIVITY

##### Chemical Stability

Stable.

##### Incompatibility with Other Materials

Incompatible with strong acids and metallic salts.

##### Decomposition

Decomposes with heat.

Hazardous gases/vapors produced are CO<sub>x</sub> and NO<sub>x</sub>. Also  
decomposes with time.

##### Polymerization

Polymerization will not occur.

#### DISPOSAL CONSIDERATIONS

## Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

## OTHER INFORMATION

DIMENSION is a trademark of Dade Behring Inc.

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Technical Assistance Center  
Dade Behring Inc.  
Newark, DE 19714-6101  
1-800-441-9250

End of MSDS