

Material Safety Data Sheet

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"DIMENSION" CLINICAL CHEMISTRY SYSTEM CHOL FLEX(TM) REAGENT CARTRIDGE  
QADM0017  
Revised: 09/21/2002  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

CAT. NO. DF27  
CHOLESTEROL FLEX(TM) REAGENT CARTRIDGE  
CHOL FLEX(TM) REAGENT CARTRIDGE  
"DIMENSION" CHOL FLEX(TM) REAGENT CARTRIDGE  
AMAPS 717027.901

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	%
AAP MES Tablet Lithium Hydroxide	1310-65-2	2.00
CO CE HPO Tablet Sodium Chloride	7647-14-5	2.77
DEA/HCl Solution (no hazardous component) Water	7732-18-5	98.67

Ethylene Oxide

75-21-8 <0.0007

## HAZARDS IDENTIFICATION

### Potential Health Effects

There is no hazardous exposure with normal use of this product. Material contains three mixtures which have not been tested as a whole. Information given is based on components.

The CO CE HPO Tablet contains SODIUM CHLORIDE. Human health effects of overexposure by inhalation, ingestion, or skin or eye contact may cause nonspecific discomfort, such as nausea, headache, or weakness upon ingestion; or eye irritation with tearing, or blurring of vision on eye contact.

The AAP/MES Tablet contains LITHIUM HYDROXIDE which is TOXIC and CORROSIVE. Lithium Hydroxide may cause burns of the skin and eyes. Inhalation may cause irritation of the nose and throat. Ingestion may cause severe burns of the mouth and upper gastrointestinal tract with severe pain, bleeding, vomiting, diarrhea and collapse of blood pressure. Dizziness, headache, confusion, incoordination, loss of consciousness and abnormal kidney function may occur. Prolonged exposure to lithium may cause hypothyroidism with feelings of coldness, tiredness, slow heartbeat and thyroid goiter.

### 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.

#### SKIN CONTACT

In case of contact, immediately wash skin with soap and water. 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, call 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.

### HANDLING AND STORAGE

#### Handling (Personnel)

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

#### Applicable Exposure Limits

Lithium Hydroxide  
WEEL (AIHA) : 1 mg/m<sup>3</sup>, Ceiling

## PHYSICAL AND CHEMICAL PROPERTIES

### Physical Data

Cartridge contains CO/CE/HPO Tablet and AAP-MES Tablet in wells 1-3; DEA/HCl Solution in wells 4-6.

## STABILITY AND REACTIVITY

### Chemical Stability

Stable.

### Incompatibility with Other Materials

Incompatible with oxidizers, strong acids, strong bases, and bromine trifluoride.

### Decomposition

Decomposes with heat and time. Decomposition products are CO<sub>x</sub>, NO<sub>x</sub> and SO<sub>x</sub>.

## 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

### STATE RIGHT-TO-KNOW INFORMATION

This product contains Ethylene Oxide, a chemical known to the State of California to cause cancer.

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

# Indicates updated section.

End of MSDS