

Material Safety Data Sheet

"DIMENSION" CLINICAL CHEMISTRY SYSTEM PCHE FLEX(TM) REAGENT CARTRIDGE
QADM0065 Revised: 04/12/2002

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

CAT. NO. DF51
PSEUDOCHOLINESTERASE FLEX(TM) REAGENT CARTRIDGE
PCHE FLEX(TM) REAGENT CARTRIDGE
"DIMENSION" PCHE FLEX(TM) REAGENT CARTRIDGE
AMAPS 717177.901

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	%
DIP Tablet (non-hazardous)		
Mannitol	69-65-8	85.54
Carbowax	25322-68-3	13.77
Potassium Phosphate Tablet		
Potassium Phosphate dibasic	7758-11-4	36.43
Mannitol	69-65-8	55.81
Carbowax	25322-68-3	4.71
BTC Tablet		
Butyrylthiocholine iodide	1866-16-6	7.77
Mannitol	69-65-8	87.38

Carbowax

25322-68-3

4.85

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

There is no hazardous exposure with normal use of this product.

Potassium Phosphate tablet

Potassium Phosphate monobasic and dibasic are TOXIC by ingestion. Inhalation, skin or eye contact may cause discomfort similar to that caused by any inert dust. Ingestion of large doses may cause vomiting, nausea, tingling sensation of the hands, feet, and disturbance in heart rhythms. Studies with dogs have found kidney and liver effects with increased creatinine and blood urea nitrogen.

BTC tablet

Butyrylthiocholine Iodide is an IRRITANT. Skin or eye contact may cause irritation and discomfort with blurring or tearing of the eye. Inhalation or ingestion may cause irritation of the upper respiratory passages or gastrointestinal tract.

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.

HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing dust. 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

"DIMENSION" PCHE FLEX(TM) REAGENT CARTRIDGE
PEL (OSHA) : Particulates (Not Otherwise Regulated)
15 mg/m³, 8 Hr. TWA, total dust
5 mg/m³, 8 Hr. TWA, respirable dust

Other Applicable Exposure Limits

Carbowax
PEL (OSHA) : None Established
TLV (ACGIH) : None Established
WEEL (AIHA) : 10 mg/m³, 8 Hr. TWA

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Cartridge contains: one DIP tablet (2,6-dichloroindophenol) and one KPhos (potassium phosphate, pH 7.2) tablet in wells 1-3; two BTC tablets (butylthiocholine) in wells 4-6.

STABILITY AND REACTIVITY

Chemical Stability

Stable.

Hygroscopic.

Incompatibility with Other Materials

Incompatible with oxidizers.

Decomposition

Decomposes with heat.

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.

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