

Material Safety Data Sheet

CARDIAC TROPONIN I CALIBRATOR FOR "DIMENSION" CLINICAL
CHEMISTRY SYSTEM AND FOR "OPUS"

RADM0030

Revised: 07/22/1999

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

CAT. NO. RC421A
CAT. NO. RC421B
704-006
CTNI CALIBRATOR
TROPONIN I CALIBRATOR FOR "DIMENSION" RxL
OPUS TROPONIN I (cTn) CALIBRATOR
TROPONIN I CALIBRATOR

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	%
Water	7732-18-5	>83
Trehalose	99-20-7	5.00
Sodium Azide	26628-22-8	0.04
Chloramphenicol	56-75-7	0.002-0.006
Bovine Serum Albumin	9048-46-8	9.50

Troponin I/C/T complex from human source <0.001

Calibrator Base, or Calibrator Level 1 contains no human source material. Level 2 through 5 contains increasing amounts of human source material.

WARNING: These reagents contain sodium azide. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides. If discarded into drain, flush with a large volume of water to prevent azide build-up.

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

SODIUM AZIDE is not likely to be a human health hazard in the amount present in this product. However, lowering the pH of azide solutions below 6 may generate very irritating hydrazoic acid gas which is a skin and eye irritant and can cause headaches even in very small quantities.

CHLORAMPHENICOL is listed by the International Association for Registry of Carcinogens (IARC) as a 2A--chemicals for which there is almost sufficient evidence of carcinogenicity in humans. However, no other cancer registry organization lists it.

TREHALOSE and BOVINE SERUM ALBUMIN in the form present in this product are not likely to be human health hazards.

W A R N I N G ! ! Because no test method can offer complete assurance that human source material does not contain HIV, hepatitis B virus, or other infectious material, this material should be handled as if it were infectious. See OSHA Bloodborne Pathogen rule, 29CFR1910.1030.

Carcinogenicity Information

The following components are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

Material	IARC	NTP	OSHA	ACGIH
Chloramphenicol				2A

FIRST AID MEASURES

First Aid

INHALATION

Inhalation is not an expected route of exposure during normal use of the product.

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 ingested, consult a physician.

FIRE FIGHTING MEASURES

Flammable Properties

Material is a nonflammable water-based solution.

Extinguishing Media

Use media appropriate for surrounding material.

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.

Spilled material is a slipping hazard.

Initial Containment

Dike spill.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing.

Storage

Store in a well ventilated area away from heat and sunlight.

Keep container closed to prevent contamination.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Applicable Exposure Limits

Sodium Azide

PEL (OSHA)

: None Established

TLV (ACGIH)

: Ceiling 0.29 ppm, A4

s Hydrazoic acid vapor

Ceiling: 0.11 mg/m³, A4

Chloramphenicol

PEL (OSHA) : None Established
TLV (ACGIH) : None Established
WEEL (AIHA) : 0.5 mg/m3, 8 Hr. TWA

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Material is a liquid with physical characteristics similar to water.

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Decomposition

Decomposition does not occur under normal use conditions.

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.

REGULATORY INFORMATION

State Regulations (U.S.)

WARNING - SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM- Chloramphenicol

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 (Dimension)
1-888-536-6787 (Opus)