

Material Safety Data Sheet

"DIMENSION" CLINICAL CHEMISTRY SYSTEM TCO2 RELEASE AGENT
QADM0030 Revised: 06/19/2003

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

CAT. NO. D104A
TOTAL CARBON DIOXIDE RELEASE AGENT, "DIMENSION"
TCO2 RELEASE SOLUTION
"DIMENSION" TCO2 RELEASE AGENT
AMAPS 717104.301
AMAPS 717127.301

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	98.5
Sodium Bisulfate	10034-88-5	1.4
Ethylene Oxide	75-21-8	<0.0001

HAZARDS IDENTIFICATION

Potential Health Effects

THIS PRODUCT CAN BE USED SAFELY WHEN USED AS DIRECTED AND WHEN APPLICABLE SAFETY PRECAUTIONS ARE FOLLOWED.

May cause eye irritation with discomfort, tearing or blurring of vision.

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

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

SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.

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

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

Follow applicable Federal, State/Provincial and Local laws/regulations.

HANDLING AND STORAGE

Handling (Personnel)

Avoid contact with eyes. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Storage

Store at room temperature: 2-30 degrees C.

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

Boiling Point : 100 C (212 F) @ 760 mm Hg
Vapor Pressure : 18 mm Hg @ 25 C (77 F)
Vapor Density : 1 (water = 1)
Melting Point : 0 C (32 F) @ 760 mm Hg
Evaporation Rate : 1 (water = 1)
Solubility in Water : Aqueous
pH : 1-3 @ 25 deg C

Odor : Odorless
Form : Liquid, aqueous solution
Color : Clear, colorless
Specific Gravity : 1 @ 20C

STABILITY AND REACTIVITY

Chemical Stability

Stable.

Polymerization

Polymerization will not occur.

Other Hazards

Decomposition: Decomposition can occur above 300 deg C
(572 deg F) releasing toxic sulfur oxide gases.

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- Ethylene Oxide

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

Indicates updated section.

End of MSDS