

Material Safety Data Sheet

"DIMENSION" CLINICAL CHEMISTRY SYSTEM PSA CALIBRATOR
RADM0027
Revised: 08/16/2002

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

PROSTATE SPECIFIC ANTIGEN CALIBRATOR RXL
CAT NO. RC450
RXL CALIBRATOR FOR PSA
AMAPS 795450.901

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	%
Level 1		
Horse serum		>98.4
Chloroacetamide	79-07-2	0.24
Neomycin sulfate	1405-10-3	0.10
no human source material		
Other Levels		
Water	7732-18-5	92.78
Bovine Serum Albumin	9048-46-8	6
Gentamicin Sulfate	1405-41-0	0.2
PSA-ACT complex Prostate Specific Antigen purified from human semen; alpha-1-anti- chymotrypsin enzyme inhibitor purified from human plasma.		<0.001

Lv1=none Lv2=0.0000011% Lv3=0000041%
Lv4=0.000014% Lv5=0.000028% percentage based
on liquid form as used, not lyophilized as shipped.

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

This material contains Prostate Specific Antigen, purified from human semen, and ACT, a human blood product.

W A R N I N G! No test method can offer complete assurance that human fluid or blood products do not contain HIV, hepatitis B virus, or other infectious agents. Handle as potentially infectious material.

2-CHLOROACETAMIDE is a SENSITIZER and possible MUTAGEN Highly toxic by inhalation and skin contact. May cause severe eye irritation. May cause contact dermatitis and allergic contact eczema. Target Organs: male reproductive system and thyroid.

NEOMYCIN SULFATE and GENTAMICIN may cause allergic reactions in sensitive individuals with symptoms similar to asthma.

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

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 ingested, consult a physician.

INHALATION

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

FIRE FIGHTING MEASURES

Flammable Properties

Material is a nonflammable water-based solution.
(for hydrated material, as used.)

Like most organic powders or crystals, under severe dusting
conditions, this material may form explosive mixtures in air.
(for lyophilized material, as shipped.)

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

Contains human source material. Follow precautions.

Spill Clean Up

Follow procedures in local Exposure Control Plan for
biohazards. See OSHA Regulation 29 CFR 1910.1030.

HANDLING AND STORAGE

Handling (Personnel)

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

W A R N I N G! Because no test method can offer complete assurance that human blood products, or other potentially infectious materials, do not contain HIV, hepatitis B virus or other infectious agents, this material should be handled as potentially infectious as required by the OSHA Bloodborne Pathogen Rule (29CFR 1910.1030.7).

Handling (Physical Aspects)

Keep container tightly closed.

Storage

Close container after each use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

See product/insert sheet

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

EYE/FACE PROTECTION: Wear safety glasses.

SKIN PROTECTION: Wear protective gloves to minimize skin contamination. Wash hands and contaminated skin thoroughly after handling.

Exposure Guidelines

Exposure Limits: None Established

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

May be lyophilized powder or liquid with pH 7.5

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

May be locally regulated as infectious waste.

OTHER INFORMATION

State Regulations

This product contains Gentamicin Sulfate, a material known to the State of California to cause developmental toxicity.

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