

E R SQUIBB MEDATOPE DIV -- PLANTINOL 10 MG CISPLATIN/VIAL 50 MG -- 6505-01-097-2935

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Product Identification  
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Product ID:PLANTINOL 10 MG CISPLATIN/VIAL 50 MG

MSDS Date:01/07/1993

FSC:6505

NIIN:01-097-2935

MSDS Number: CDCKC

=== Responsible Party ===

Company Name:E R SQUIBB MEDATOPE DIV

Address:5 GORDIS RD BLDG 124

Box:191

City:NEW BRUNSWICK

State:NJ

ZIP:08903-5000

Country:US

Info Phone Nu

m:800-332-2056/908-519-3843

Emergency Phone Num:908-519-3843/609-921-4081

CAGE:GO533

=== Contractor Identification ===

Company Name:E R SQUIBB MEDATOPE DIV

Address:5 GORDIS RD BLDG 124

Box:191

City:NEW BRUNSWICK

State:NJ

ZIP:08903

Country:US

Phone:609-921-4081

CAGE:4T649

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Address:5 GORDIS RD BLDG 124

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ZIP:08903-5000

Country:US

Phone:800-332-2056/908-519-3843

CAGE:GO533

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Composition/Information on Ingredients

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Ingred Name:CIS-DIAMINEDICHLOROPLATINUM  
CAS:15663-27-1  
RTECS #:TP2450000  
Fraction by Wt: 5%  
OSHA PEL:0.002 MG(PT)/CUM

Ingred Name:MINNITOL, D- (MANNA SUGAR); MANNITOL  
CAS:69-65-8  
RTECS #:OP2060000  
Fraction by Wt: >1%

Ingred Name:SODIUM CHLORIDE \*96-4\*  
CAS:7647-14-5  
RTECS #:VZ4725000  
Fraction by Wt: >1%

Ingred Name:HYDROCHLORIC ACID, HYDROGEN CHLORIDE, MURIATIC ACID  
HYDROCHLORIDE  
CAS:7647-01-0  
RTECS #:MW4025000  
Other REC Limits:7 PPM  
OSHA PEL:5 PPM  
ACGIH TLV:C 1  
1 MG/CUM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50(RAT): 25.8 MG/KG  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CISPLATIN-A CYTOTOXIC DRUG.  
INHALATION: TRANSIENT BRONCHIAL IRRITANT. SKIN: FROM OPENED VIAL;  
MILD IRRITANT. EYES: CONJUNCTIVITIS. INTRAVENOUS EXPOSURE MAY CAUSE  
ANAPHYLACTOID REACTI  
ONS. MAY CAUSE KID NEY TOXICITY/PERIPHERAL  
NEUROPATHY/REVERSIBLE HEMATOLOGIC EFFECTS. POTENTIAL  
CARCINOGEN/TERATOGEN/REPRODUCTIVE EFFECTOR.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:CISPLATIN: IRRITATION, RASH, NAUSEA, VOMITING,  
FACIAL EDEMA, FLUSHING, WHEEZING, RESPIRATORY DIFFICULTY,  
TACHYCARDIA, HYPOTENSION, ELECTROLYTE DISTURBANCES, OTOTOXICITY  
Medical Cond Aggravated by Exposure:KIDNEY DISEASES, HEARING DISORDERS,  
NEUROLOGICAL DISEASES & ANEMIA/OTHER FO

RMS OF BONE MARROW  
SUPPRESSION.

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First Aid Measures  
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First Aid:INGESTION: INDUCE VOMITING IF CONSCIOUS & NOT CONVULSIVE.  
NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. INHALATION: REMOVE TO  
FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. SKIN: IMMEDIATELY FLUSH  
W/LARGE AMOUNTS OF WATER. USE SOAP. EYES: FLUSH W/RUNNING WATER  
FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Extinguishing Media:UNLIKELY TO BURN IN VIAL. IN CASE OF FIRE, FLOOD  
W/WATER

Fire Fighting Procedures:WEAR SCBA, FLAME & CHEMICAL RESISTANT  
CLOTHING, BOOTS & GLOVES. EVACUATE PERSONNEL TO UPWIND. COOL  
CONTAINERS W/WATER FROM A MAXIMUM DISTANCE.

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Accidental Release Measures  
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Spill Release Procedures:SMALL: WIPE W/ABSORBENT GAUZE PADS. CLEAN  
USING DETERGENT & WATER. COVER W/GAUZE PADS/PAPER TOWEL. SOAK  
W/WATER & WIPE UP. LARGE:  
COVER LIQUID W/ABSORBENT  
SHEETS/SPILL-CONTROL PADS/PILLOWS. CLEAN USING DETERGENTS & WATER.

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Handling and Storage  
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Handling and Storage Precautions:SHOULD BE STORED AT ROOM TEMP 59-77F.  
DON'T REFRIGERATE. PROTECT FROM LIGHT. SEE RELEVANT GUIDANCE FOR  
HANDLING CYTOTOXIC MATERIALS.

Other Precautions:DON'T ALLOW PLATINOL TO CONTACT ALUMINUM. ALUMINUM  
REACTS W/FORMULATED PLATINOL, CAUSING PRECIPITATE FORMATION & LOSS  
OF POTENCY.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WHEN ENGINEERING CONTROLS AREN'T SUFFICIENT TO  
CONTROL EXPOSURE, WEAR APPROVED RESPIRATOR W/HIGH EFFICIENCY DUST  
FILTER/POWDERED AIR-PURIFYING RESPIRATOR; SELF CONTAINED BREATHING  
APPARATUS.

Ventilation:LOCAL MECHANICAL EXHAUST TO MINIMIZE EXPOSURE. BIOLOGICAL  
SAFETY CABINET SHOULD BE USED FOR PREPARATION OF THIS DRUG.

Protective Gloves:SURGICAL LATEX/POLYVINYL CHLORIDE

Eye Protection:CHEMI

**CAL SAFETY GOGGLES**

Other Protective Equipment:IMPERVIOUS DISPOSABLE COVERALLS W/CLOSED FRONT, LONG SLEEVES & ELASTIC CUFFS & BOOTS TO PROTECT FROM DUST/SPLASHES/SPRAY

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

**Supplemental Safety and Health**

GLOVES SHOULD BE CHANGED REGULARLY & REMOVED IMMEDIATELY AFTER OVERT CONTAMINATION. DOUBLE GLOVING IS RECOMMENDED FOR CLEANING. MEDICAL SURVEILLANCE RECOMMENDATION: A PRE-PLACEMENT PHYSICAL EXAMINATION

& HISTORY FOR EMPLOYEES W/POTENTIAL EXPOSURE TO PLATINOL IS RECOMMENDED. PH: 3.5-5.5 (RECONSTITUTED SOLUTIONS).

===== Physical/Chemical Properties =====

Melt/Freeze Pt:M.P/F.P Text:518F

pH:(SUPP)

Solubility in Water:1 MG/ML

Appearance and Odor:WHITE LYOPHILIZED POWDER WHICH IS PACKAGED IN VIALS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALUMINUM

Stability Condition to Avoid:REFRIGERATION, LIGHT

Hazardous Decomposition Products:CO, CARBON OXIDES, HYDROGEN CHLORIDE, NITROGEN OXIDES

===== Disposal Considerations =====

Waste Disposal Methods:TREAT PRODUCT & CONTAMINATED MATERIALS AS HAZARDOUS MATERIAL. INCINERATION IS RECOMMENDED. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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