

UPJOHN COMPANY, -- SOLU-MEDROL STERILE POWDER

**MSDS Safety Information**

FSC: 6505  
 NIIN: 00-943-4380  
 MSDS Date: 06/30/1994  
 MSDS Num: BWGKV  
 Product ID: SOLU-MEDROL STERILE POWDER  
 MFN: 01  
 Responsible Party  
 Cage: 93703  
 Name: UPJOHN COMPANY, THE  
 Address: 7171 PORTAGE ROAD  
 City: KALAMAZOO MI 49001-0199  
 Info Phone Number: 616-323-7555 (8:00 AM - 4:30 PM)  
 Emergency Phone Number: 616-323-5122 24 HOURS  
 Preparer's Name: HEALTH & SAFETY REG AFFRS  
 Review Ind: Y  
 Published: Y

**Contractor Summary**

Cage: 93703  
 Name: PHARMACIA & UPJOHN  
 Address: 7171 PORTAGE RD  
 City: KALAMAZOO MI 49001-0199  
 Phone: 616-833-5122/616-833-7555

**Item Description Information**

Item Name: METHYLPREDNISOLONE SODIUM SUCCINATE FOR INJECTION, USP  
 Specification Number: NONE  
 Type/Grade/Class: NONE  
 Type of Container: VIAL

**Ingredients**

Cas: 2375-03-3  
 RTECS #: TU4154060  
 Name: METHYLPREDISOLONE SODIUM  
 % Wt: 67-87  
 Other REC Limits: 40G/M3 (UPJOHN)  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED

Cas: 7558-79-4  
 RTECS #: WC4500000  
 Name: SODIUM PHOSPHATE, DIBASIC (CERCLA)  
 % Wt: 12-30  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 EPA Rpt Qty: 5000 LBS  
 DOT Rpt Qty: 5000 LBS

Cas: 7558-80-7  
 RTECS #: WA1900000  
 Name: SODIUM PHOSPHATE, MONOBASIC  
 % Wt: 1-3  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED

Cas: 63-42-3  
 RTECS #: OD9625000  
 Name: LACTOSE  
 % Wt: 0-1.2  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED

**Health Hazards Data**

LD50 LC50 Mixture: ORAL LD50 (RAT) IS >5G/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES:NON-IRRITATING.SKIN:NON-IRRITATING.POSSIBLE ANAPHYLACTOID REACTION.INGEST:NOT REPORTED.INHAL:MAY CAUSE RESPIRATORY IRRITATION.SYSTEMIC EFFECTS:AFFECTS,CVS,KIDNEY,SKELETAL MUSCLES,NERVIOUS AND IMMUNE SYSTEM.CHRONIC OVEREXPOSURE MAY PRODUCK PITUITARY-ADRENAL SUPPRESSION,OSTEOPORISIS,CATARACTS,GLAUCOMA

Explanation Of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptons Of Overexposure: ANAPHYLATIC SHOCK IS AN UNUSUAL REACTION TO AN ANTIGEN WHICH CAN OCCUR IN SEVERAL MINUTES(HIVES,LOCAL SWELLING,DIZZINESS,NAUSEA,VOMITING,DIARRHEA,ABDOMINAL PAIN AND CRAMPS,DIFFICULT BREATHING,HYPOTENS ION,CYANOSIS,POSSIBLE CONVULSIONS OR RESPIRATORY FAILURE).CHRONIC:MUSCLE WEAKNESS,FATIGUE,HIGH BLOOD PRESSURE(SEE SUPPL)

Medical Cond Aggravated By Exposure: OVEREXPOSURE TO CORTICOSTEROIDS MAY INCREASE SUSCEPTIBILITY TO INFECTION(EG.LATENT TUBERCULOSIS,SECONDARY EYE INFECTIONS(FUNGAL AND VIRAL) AND MAY MASK SIGNS OF INFECTION.(SEE SUPPL)

First Aid: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INNAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.NOTE:PLASMA HALF-LIFE=2.3-4HRS;PHARMACOLOGICAL ACTIVITY=18-36HRS.

#### Handling and Disposal

Spill Release Procedures: REMOVE SOURCES OF IGNITION.VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.SWEEP OR VACUUM(USING A HEPA FILTER AND EXPLOSION-PROOF EQUIPMENT);DO NOT CREATE DUST;PLACE IN A DRY CONTAINER FOR DISPOSAL.PREVENT CONTAMINATION OF WATERWAYS.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: STORE AT ROOM TEMPERTURE(59-86F).KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM CHILDREN.KEEP AWAY FROM LIGHT.

Other Precautions: USE DILUTED SOLUTION WITHIN 48 HOURS.FOLLOW LABEL DIRECTIONS.AVOID BREATHING DUST.AVOID SKIN AND EYE CONTACT.

#### Fire and Explosion Hazard Information

Flash Point Text: NONE

Extinguishing Media: WATER, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: THE FINELY DISPURSED DUST FROM THIS PRODUCT IS A FIRE OR EXPLOSION HAZARD IN THE PRESENCE OF SOURCES OF IGNITION.

#### Control Measures

Respiratory Protection: NOT NEEDED IN NORMAL SERVICE.

Ventilation: USE LOCAL EXHAUST.

Protective Gloves: RUBBER.

Eye Protection: SAFETY GLASSES WITH SIDESHIELDS.

Other Protective Equipment: PROVIDE A LOCAL EYE WASH STATION.

Work Hygienic Practices: EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health: SIGNS AND SYMPTONS(CONT'D):SALT AND WATER RETENTION,INCREASED POTASSIUM EXCRETION,CUSHING'S SYNDROME(REDISTRIBUTION OF BODY FAT,CAUSING A "MOON FACE").MEDICAL COND AGGR(CONT'D):CIRRHOSIS,HYPERTHYROIDI SM. NDC 0009- 0113-12/13; 0190-09/10; 0758-01; 0887-01; 0698-01; 3389-01; 0988-01; 0796-0.

#### Physical/Chemical Properties

NCC: N1

Decomp Text: UNKNOWN

Solubility in Water: COMPLETE

Appearance and Odor: POWDER AND DILUENT IN A COMPARTMENTALIZED VIAL.ODOR AND COLOR NOT REPORTED.

Corrosion Rate: UNKNOWN

## Reactivity Data

Stability Indicator: YES  
 Stability Condition To Avoid: MANUFACTURER STATES NONE.  
 Materials To Avoid: MANUFACTURER STATES NONE.  
 Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE  
 Hazardous Polymerization Indicator: NO

## Toxicological Information

## Ecological Information

## MSDS Transport Information

## Regulatory Information

## Other Information

## Transportation Information

Responsible Party Code: 93703  
 Trans ID NO: 94151  
 Product ID: SOLU-MEDROL STERILE POWDER  
 MSDS Prepared Date: 06/30/1994  
 Review Date: 06/28/1995  
 MFN: 1  
 Net Unit Weight: 0.000003 LB  
 AF MWAC Code: NR  
 Multiple KIT Number: 0  
 Review IND: Y  
 Type Of Container: VIAL  
 Additional Data: NONE

## Detail DOT Information

DOT PSN Code: 222  
 DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

## Detail IMO Information

IMO PSN Code: 222  
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

## Detail IATA Information

IATA PSN Code: 222  
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

## Detail AFI Information

AFI PSN Code: 222  
 AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

## HAZCON Label

Product ID: SOLU-MEDROL STERILE POWDER  
 Code: 93703  
 Company Name: PHARMACIA & UPJOHN  
 Street: 7171 PORTAGE RD  
 City: KALAMAZOO MI  
 Zipcode: 49001-0199  
 Health Emergency Phone: 616-323-5122 24 HOURS  
 Date Of Label Review: 06/28/1995  
 Status Code: C  
 NRC Label NO: UNKNOWN  
 Label Date: 06/28/1995  
 Origination Code: Z  
 Eye Protection IND: YES  
 Skin Protection IND: YES  
 Signal Word: CAUTION

Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Slight  
Reactivity Hazard: None

Hazard And Precautions: EYES:NON-IRRITATING.SKIN:NON-IRRITATING.POSSIBLE ANAPHYLACTOID REACTION.INGEST:NOT REPORTED.INHAL:MAY CAUSE RESPIRATORY IRRITATION.SYSTEMIC EFFECTS:AFFECTS,CVS,KIDNEY,SKELETAL MUSCLES,NERVIOUS AND IMMUNE SYSTEM.CHRONIC OVEREXPOSURE MAY PRODUCE PITUITARY-ADRENAL SUPPRESSION,OSTEOPORISIS,CATARACTS,GLAUCOMA.FIRST AID: SKIN:REMOVE CONTAMINATED CLOTHING:WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.NOTE:PLASMA HALF-LIFE=2.3-4HRS;PHARMACOLOGICAL ACTIVITY=18-36HRS.

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