

IMMUNEX CORP -- 05327 METHOTREXATE SODIUM INJECTION 200 MG/VIAL -- 6505-01-125-6505  
===== Product Identification =====

Product ID:05327 METHOTREXATE SODIUM INJECTION 200 MG/VIAL

MSDS Date:03/18/1993

FSC:6505

NIIN:01-125-6505

MSDS Number: BWYHY

=== Responsible Party ===

Company Name:IMMUNEX CORP

Address:51 UNIVERSITY

City:SEATTLE

State:WA

ZIP:98101-5000

Country:US

Info Phone Num:206-587-0430

Emerge

ncy Phone Num:206-587-0430

CAGE:0P4V3

=== Contractor Identification ===

Company Name:IMMUNEX CORP

Address:51 UNIVERSITY

Box:City:SEATTLE

State:WA

ZIP:98101-5000

Country:US

Phone:206-587-0430

CAGE:0P4V3

===== Composition/Information on Ingredients =====

Ingrid Name:METHOTREXATE (IARC - GROUP 3) \*95-1\*

CAS:59-05-2

RTECS #:MA1225000

Fraction by Wt: 2.6%

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

LD50 LC50 Mixture:ORAL LD50(RAT): 180-320 MG/KG

Routes

of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:METHOTREXATE- LEUKOPENIA,  
THROMBOCYTOPENIA, GI BLEEDING, BONE MARROW SUPPRESSION, LIVER  
DAMAGE, GI TRACT ABSORPTION, EFFECTS ON FERTILITY, MENSTRUAL  
DYSFUNCTION, HEMATOLOGIC CHANGES, SUPPRESSION OF IMMUNE SYSTEM,  
REDUCED LUNG DISEASE, CHROMOSOMAL CHANGES, ABNORMAL FETAL  
DEVELOPMENT, ABORTIONS. (SEE SUPP)

Explanation of Carcinogenicity:NONE

Effects of Overexposure:GI DISTURBANCES, NAUSEA, VOMITING, LOSS OF  
APETITE, DIARRHEA, CONGESTION OF THE LUNGS, COUGH  
Medical Cond Aggravated by Exposure:PRE-EXISTING KIDNEY FUNCTION.

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First Aid Measures  
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First Aid:EYES: FLUSH W/COOL LOW PRESSURE WATER FOR 20 MINS. SKIN:  
PROMPTLY WASH W/SOAP & COOL RUNNING WATER. INHALATION: REMOVE TO  
FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: INDUCE VOMITING AS  
DIRECTED BY MEDICAL PERSONNEL.  
NEVER INDUCE VOMITING/GIVE ANYTHING  
BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.  
NOTE TO PHYSICIAN: CALCIUM LEUCOVORIN IS A NEUTRALIZER FOR  
METHOTREXATE.(SUPP)

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Fire Fighting Measures  
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Unusual Fire/Explosion Hazard:METHOTREXATE DUST IS A CLASS 0 DUST  
EXPLOSION HAZARD.

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Accidental Release Measures  
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Spill Release Procedures:WEARING EYE PROTECTION, RUBBER GLOVES, AND AN  
APPROVED SELF-CONTAINED/A SUPPLIED AIR RESPIRATOR, CONTAIN &  
COLLECT MATERIAL.

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Handling and Storage  
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Handling and Storage Precautions:MINIMIZE EXCESSIVE HANDLING.  
METHOTREXATE, A POTENT ANTI-CANCER DRUG, IS EXTREMELY TOXIC & MUST  
BE HANDLED W/GREAT CAUTION.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WEAR APPROVED AIR-PURIFYING RESPIRATOR  
W/HIGH-EFFICIENCY CARTRIDGES WHEN APPLICABLE LIMIT

S ARE EXCEEDED.

Ventilation:USE CLOSED-SYSTEM HANDLING/LOCAL EXHAUST VENTILATION  
ADEQUATE TO CONTROL DUST/MIST.

Protective Gloves:REQUIRED

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE. DESTROY CONTAMINATED LEATHER ITEMS.

Supplemental Safety and Health

EMERGENCY FIRST AID CONT'D: METHOTREXATE BLOOD LEVELS SHOULD BE  
MONITORED & THE CALCIUM LEUCOVORIN DOSE ADJUSTED ACCORDINGLY.  
COMPLETE HEMOGRAMS & LIVER & KIDNEY FUNCTION TESTS ARE RECOMMENDED.

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

Decomp Temp:Decomp Text:365-399.2F

pH:8-8.9

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, YELLOW SOLUTION; PRESERVATIVE FREE; FREE  
FROM TURBIDITY.

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

Stability Indicator/Materials to Avoid:YES

ALKALINE SOLUTIONS

Stability Condition to Avoid:TEMP >365F.

Hazardous Decomposition Products:CO, CO2, NITROGEN OXIDES, ALDEHYDES,  
KETONES, ORGANIC ACIDS, HYDRO  
GEN CYANIDE

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

Waste Disposal Methods:DISPOSE OF IAW/LOCAL, STATE & FEDERAL  
REGULATIONS. INCENERATION IS RECOMMENDED.

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