

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
Emerg
ency 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 =====

Ingred 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.

===== First Aid Measures =====

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)

===== Fire Fighting Measures =====

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

===== Accidental Release Measures =====

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

===== Handling and Storage =====

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

===== Exposure Controls/Personal Protection =====

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.

=====

===== 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its
use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.