

IMMUNEX CORP (FORMERLY AMERICAN CYANAMID CO) -- 04646 LEVCOVORIN CALCIUM  
INJECTION 100 MG/VIAL -- 6505-01-288-0528

===== Product Identification =====

Product ID:04646 LEVCOVORIN CALCIUM INJECTION 100 MG/VIAL

MSDS Date:06/29/1995

FSC:6505

NIIN:01-288-0528

MSDS Number: BYRLX

=== Responsible Party ===

Company Name:IMMUNEX CORP (FORMERLY AMERICAN CYANAMID CO)

Address:51 UNIVERSITY

Cit

y:SEATTLE

State:WA

ZIP:98101-5000

Country:US

Info Phone Num:206-587-0430

Emergency Phone Num:206-587-0430

CAGE:MO768

=== 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

Company Name:IMMUNEX CORP (FORMERLY AMERICAN CYANAMID CO)

Address:51 UNIVERSITY

City:SEATTLE

State:WA

ZIP:98101-5000

Country:US

Phone:206-587-0430

CAGE:MO768

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

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Ingred Name:LEUCOVORIN CALCIUM \*95-3\*  
CAS:1492-18-8  
RTECS #:MA0600500  
Fraction by Wt: 55-75%

Ingred Name:SODIUM CHLORIDE  
CAS:7647-14-5  
RTECS #:VZ4725000  
Fraction by Wt: 25-45%

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

LD50 LC50 Mixture:ORAL LD50(RATS): 3.75 G/KG (SEE SUPP)  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SODIUM CHLORIDE-EYES: MAY CAUSE MILD  
IR  
RITATION. SKIN: MILD IRRITANT. INHALATION: MILD RESPIRATORY TRACT  
IRRITANT. INGESTION: OVERDOSE CAN INDUCE IRRITATION OF THE  
GASTROINTESTINAL TRACT, DEHYDRATION OF INTERNAL ORGANS.  
OVEREXPOSURE MAY CAUSE RENAL FAILURE, PERIPHERAL, PULMONARY EDEMA &  
DEATH.

Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SODIUM CHLORIDE-STINGING SENSATION, IRRITATION,  
CONVULSIONS, VOMITING, RESPIRATORY DISTRESS. NAUSEA, DIARRHEA,  
ABDOMINAL CRAMPS, THIRST, REDUCED SALIVATION, TE  
ARING, SWEATING,  
FEVER, HYPOTENSION, TACH YCARDIA, HEADACHE, DIZZINESS,  
RESTLESSNESS, IRRITABILITY, WEAKNESS, MUSCULAR TWITCHING, COMA.  
Medical Cond Aggravated by Exposure:PREEXISTING HEART FAILURE,  
PERIPHERAL/PULMONARY EDEMA, IMPAIRED RENAL FUNCTION, PRE-ECLAMPSIA.

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

First Aid:EYES: IMMEDIATELY FLUSH W/PLENTY OF COOL, LOW PRESSURE WATER  
FOR 20 MINS. SKIN: WASH W/SOAP & COOL RUNNING WATER. INHALATION:  
REMOVE  
TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. INGESTION: DON'T  
INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE  
ANYTHING BY MOUTH/INDUCE VOMITING IF UNCONSCIOUS. OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

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

Spill Release Procedures:WEARING DISPOSABLE COVERALLS, RUBBER GLOVES &  
A DISPOSABLE DUST MASK/APPROVED AIR-PURIFYING RESPIRATOR  
W/HIGH-EFFICIENCY CARTRIDGES. CONTAIN & COLLECT MATERIALS.

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

Handling and Storage Precautions:MINIMIZE EXCESS HANDLING. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:PREVENT CONTACT W/SKIN & EYES.

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

Respiratory Protection:IF THE PEL IS EXCEEDED, WEAR AN APPROVED AIR-PURIFYING RESPIRATOR W/HIGH-EFFICIENCY CARTRIDGES ADEQUATE TO CONTROL EXPOSURE.

Ventilation:USE CLOSED-SYSTEM HANDLING, LABORATORY BENCH HOOD/LOCAL

EXHAUST VENTILATION TO CONTROL DUST/MIST.

Protective Gloves:RUBBER

Eye Protection:REQUIRED

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS, FACE & EXPOSED BODY PARTS AT LUNCH, BREAKS & END OF SHIFT

Supplemental Safety and Health

PH: 8-8.2 (IN SOLUTION @ 1-2%). THE FOLLOWING DATA IS FOR SODIUM CHLORIDE: BOILING POINT: 2575.4F; SPECIFIC GRAVITY: 2.17; SPECIFIC GRAVITY-2.17 & ORAL LD50 INFORMATION.

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

Boiling Pt:B.P. Text:(SEE SUPP)

Decomp Temp:Decomp Text:473F

Spec Gravity:(SEE SUPP)

pH:(SUPP)

Solubility in Water:COMPLETE

Appearance and Odor:BUFF YELLOW LYOPHILIZED CAKE/POWDER

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:BY COMBUSTION: CO, CO2, NITROGEN OXIDES, ALDEHYDES, KETONES & ORGANIC ACIDS, HYDROGEN CYANIDE

==== Disposal Considerations =====

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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