

AMERICAN CYANAMID CO LEDERLE LABORATORIES DIV -- LEUCOVORIN CALCIUM INJECTION  
USP, 350 MG/VIAL -- 6505-01-288-0528

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

Product ID:LEUCOVORIN CALCIUM INJECTION USP, 350 MG/VIAL

MSDS Date:05/08/1992

FSC:6505

NIIN:01-288-0528

MSDS Number: BXQHC

=== Responsible Party ===

Company Name:AMERICAN CYANAMID CO LEDERLE LABORATORIES DIV

Address:1 CYANAMID PLZ

City:WAYNE

State:NJ

ZIP:07470

Country:US

Info Phone Num:201-831-2000

Emergency Phone Num:914-732-5000

CAGE:06404

=== Contractor Identification ===

Company Name:AMERICAN CYANAMID CO LEDERLE LABORATORIES DIV

Address:1 CAMPUS DR

Box:City:PARSIPPANY

State:NJ

ZIP:07054-4404

Country:US

Phone:973-683-2000

CAGE:06404

Company Name:WYETH-AYERST LABS DIV AMERICAN HOME PRODUCTS

Address:LANCASTER AND KING OF PRUSSIA RD

Box:City:RADNOR

State:PA

ZIP:19087

Country:US

Phone:215-688-4400(CHEMTREC 800-424-9300)

CAGE:98377

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

Ingred Name:LEUCOVORIN CALCIUM OR CALCIUM FOLINATE  
CAS:1492-18-8  
RTECS #:MA0600500  
Fraction by Wt: 55-75%  
Other REC Limits:5 MG/M3 (ACCO-TWA)

Ingred Name:SODIUM CHLORIDE (MFR GAVE CAS# 7647-18-8 WHICH DID NOT MEET  
BASE 10 CHECK)  
CAS:7647-14-5  
RTECS #:VZ4725000  
Fraction by Wt: 25-45%  
Other REC Limits:NONE RECOMMENDED

==== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >8000 MG  
/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN AND EYE CONTACT MAY CAUSE  
IRRITATION. INHALATION MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE GI TRACT IRRITATION, RESPIRATORY DISTRESS. MAY  
CAUSE ALLERGIC REACTIONS, IMPAIRED RENAL FUNCTION, CONGESTIVE  
HEART FAILURE, HYPERNATREMIA.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR G

REATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INGESTION-NAUSEA, VOMITING, DIARRHEA, ABDOMINAL  
CRAMPS, THIRST, TEARING, SWEATING, FEVER, HYPOTENSION, TACHYCARDIA,  
RENAL FAILURE, PERIPHERAL & PULMONARY EDEMA, RESPIRATORY ARREST,  
HEADACHE, DIZZINESS , RESTLESSNESS, IRRITABILIT, WEAKNESS, MUSCULAR  
TWITCHING, RIGIDITY, CONVULSIONS, COMA, DEATH. SKIN/EYE-IRRITATION.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYES-FLUSH WITH WARM WATE FOR 20 MINUTES. SEE DOCTOR IF  
IRRITATION PERSISTS. SKIN-WASH WITH SOAP & WATER. REMOVE  
CONTAMINATED CLOTHES. SEE DOCTOR IF IRRITATION PERSISTS.  
INHALED-REMOVE TO FRESH AIR. G IVE ARTIFICIAL RESPIRATION IF NOT  
BREATHING; OXYGEN IF BREATHING DIFICULT. CALL A DOCTOR. INGESTED-DO  
NOT INDUCE VOMITING UNLES DIRECTED BY DOCTOR. DO NOT INDUCE  
VOMITING IF UNCONSCIOUS CALL A DOCTOR.

==== Fire F =====

ighting Measures =====

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:WEARING DISPOSABLE COVERALLS, RUBBER GLOVES, AND A

DISPOSABLE DUST MASK OR APPROVED AIR-PURIFYING RESPIRATOR WITH HIGH EFFICIENCY CARTRIDGES, CONTAIN AND COLLECT SPILLED MATERIALS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. MINIMIZE EXCESS HANDLING. WASH HANDS, FACE, & EXPOSED BODY PARTS AT LUNCH & AT BREAKS & AT THE END OF SHIFT.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH HIGH EFFICIENCY PARTICULATE CARTRIDGE. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MA NUFACTURER'S RECOMMENDATIONS.

Ventilation:USE CLOSED SYSTEM HANDLING, LABORATORY BENCH HOOD OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER.

Eye Protection:SAFETY

GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER, LAB COAT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NDC58406-0622-35. PH OF 1-2% SOLUTION=8-8.2. PER DLSC-TIR: 100 MG LUCOVORIN EQUIVALENT; FREEZE DRIED POWDER.

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

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HCC:K2

Boiling Pt:B.P. Text:2575F,1413C

Melt/Freeze Pt:M.P/F.P Text:473F,245C

Spec Gravity:2.17

Solubility in Water:APPRECIABLE

Appearance and Odor:BUFF YELLOW LYOPHILIZED CAKE OR POWDER.

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

Stability Indicator/Materials to Avoid:YES

NOT AVAILABLE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NOT AVAILABLE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Disposal Considerations =====

Waste Disposal Methods:THIS IS NOT A RCRA-REGULATED WASTE. DISPOSE OF  
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL  
REGULATIONS.

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