

AMERICAN CYANAMID CO INDUSTRIAL PROD MINING CHEMS -- ARSENAL RAILROAD HERBICIDE  
-- 6840-01-356-8902

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

Product ID: ARSENAL RAILROAD HERBICIDE

MSDS Date: 01/12/1993

FSC: 6840

NIIN: 01-356-8902

MSDS Number: CDXMW

=== Responsible Party ===

Company Name: AMERICAN CYANAMID CO INDUSTRIAL PROD MINING CHEMS

Address: ONE CYANAMID PLAZA

City: WAYNE

State: NJ

ZIP: 07470-4028

Country: US

Info Phone Num: 201-831-2000

Emergency Phone Num: 201-831-2000/835-3100

CAGE: 95416

=== Contractor Identification ===

Company Name: AMERICAN CYANAMID CO

Address: 697 RT 46

Box: City: CLIFTON

State: NJ

ZIP: 07015

Country: US

Phone: 973-683-2000

CAGE: 70361

Company Name: AMERICAN CYANAMID CO

Address: ONE CYANAMID PLAZA

Box: City: WAYNE

State: NJ

ZIP: 07470

Country: US

Phone: 201-831-2000

CAGE: 95416

Company Name: B.L. MITCHELL

CAGE: 00CJ6

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

Ingred Nam

e:INERT INGREDIENTS  
Fraction by Wt: 72.4%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:IMAZAPYR PLUS ISOPROPYLAMINE/ISOPROPYLAMINE SALT OF  
IMAZAPYR  
CAS:81510-83-0  
RTECS #:US5683500  
Fraction by Wt: 27.6%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5,000 MG/KG.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN &  
GASTROINTESTINAL TRACT. ACUTE- MAY CAUSE EYE IRRITATION.  
PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION IS  
UNLIKELY AT AMBIENT TEMPERATURES. SLIGHTLY TOXIC BY INGESTION.  
CHRONIC- UNKNOWN.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, TEARING  
Medical Cond Aggravated by Exposure:UNLIKELY TO OCCUR.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:FLUSH WITH PLENTY OF  
WATER. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.  
INHALED:REMOVE TO FRESH AIR. ORAL:IF CONSCIOUS, DRINK TWO GLASSES  
OF WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER  
IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS  
UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point Method:SCC  
Flash Point:>210F,>99C  
Autoignition Temp:Autoignition Temp Text:>200F  
E

xtinguishing Media:USE WATER SPRAY, CARBON DIOXIDE (CO2), ALCOHOL FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. DO NOT CONTAMINATE ENVIRONMENT. AVOID WATER FROM FIRE FIGHTING INTO STREAMS.  
Unusual Fire/Explosion Hazard:HAZARDOUS MATERIAL MAY BE FORMED.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ABSORB SPILLS WITH AN ABSORBENT MATERIAL SUCH AS BENTONITE/CLAY/SAND. COLLECT ABSORBENT AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM FOOD AND FEED. KEEP AWAY FROM SOURCES OF IGNITION AND FIRE.  
Other Precautions:AVOID CONTACT WITH EYES AND SKIN  
. AVOID BREATHING VAPORS/MISTS. WASH THOROUGHLY AFTER HANDLING MATERIAL AND BEFORE EATING OR DRINKING. DO NOT INGEST. DO NOT CONTAMINATE WATER, FOOD OR FEED.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WHEN RESPIRATORY PROTECTION IS REQUIRED, USE A NIOSH APPROVED AIR-SUPPLIED RESPIRATOR.  
Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS  
Protective Gloves:RUBBER/LATEX FOR PROLONG/REPEAT CONTACT  
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES  
Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER, APPROPRIATE LABORATORY COAT TO COVER EXPOSED SKIN  
Work Hygienic Practices:DO NOT PERMIT EATING, DRINKING OR SMOKING NEAR THIS MATERIAL.  
Supplemental Safety and Health  
PERCENTAGE DIFFERENT. SEE PNI A, SAME NSN. EPA REGISTRATION NUMBER: 241-346.

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

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HCC:T5

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.06 - 1.09

pH:6- 7.5

Solubility in Water:MISCIBLE

Appearance and Odor:CLEAR, SLIGHTLY VISCOUS, PALE YELLOW TO DARK GREEN

LIQUID - SLIGHT AMMONIA ODOR

Percent Volatiles by Volume:57

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS, CORROSIVE TO MILD  
STEEL AND BRASS

Stability Condition to Avoid:EXCESSIVE HE

AT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
OXIDES OF NITROGEN

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

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

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