

WASHINGTON MILLS ELECTRO MINERALS CORP. -- DURALUM CRI CR3. DR -- 5350-00-240-2213  
===== Product Identification =====

Product ID:DURALUM CRI CR3. DR

MSDS Date:09/01/1993

FSC:5350

NIIN:00-240-2213

MSDS Number: CDVGX

=== Responsible Party ===

Company Name:WASHINGTON MILLS ELECTRO MINERALS CORP.

Address:1801 BUFFALO AVENUE

Box:423

City:NIAGARA FALLS

State:NY

ZIP:14302

Country:US

Info Phone Num:800-4

24-9300

Emergency Phone Num:716-278-6763

CAGE:27715

=== Contractor Identification ===

Company Name:WASHINGTON MILLS ELECTRO MINERALS CORP

Address:1801 BUFFALO AVE

Box:423

City:NIAGARA FALLS

State:NY

ZIP:14302-0423

Country:US

Phone:716-278-6600

CAGE:27715

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

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (SARA 313)

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 97-99.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3

ACGIH TLV:1

0 MG/M3

Ingred Name:CHROMIC OXIDE

CAS:1317-38-9

Fraction by Wt: 0.1-2.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: COUGHING, SHORTNESS OF  
BREATH. SKIN: ABRASIONS. EYE: IRRITATION. CHRONIC: MAY EFFECT  
BREATHING CAPACITY.

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

First Aid:INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF  
NEEDED. GET MEDICAL AID. INGESTION: GET MEDICAL AID. SKIN: GET  
MEDICAL AID. EYE: WASH W/LARGE AMOUNTS WATER. GET MEDICAL AID.

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

Flash Point:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:NA  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:NORMAL CLEAN-UP PROCEDURES. RESPIRATION MAY BE  
REQUIRED.

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

Handling and Storage Precautions:HANDLE W/ADEQUATE VENTILATION FOR  
NUISANCE DUST.

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

Respiratory Protection:AS NEEDED  
Ventilation:RECOMMENDED  
Protective Gloves:AS DESIRED  
Eye Protection:RECOMMENDED  
Other Protective Equipment:NA  
Supple

mental Safety and Health  
NK

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

Boiling Pt:B.P. Text:NA  
Melt/Freeze Pt:M.P/F.P Text:3722F,2050C  
Vapor Pres:NA  
Vapor Density:NA  
Spec Gravity:3.96  
Evaporation Rate & Reference:NA  
Solubility in Water:INSOLUBLE  
Appearance and Odor:RUBY COLORED GRANULAR SOLID, ODORLESS  
Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid:YES  
NA  
Hazardous Decomposition Products:NA

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

Waste Disposal Methods:STANDARD LANDFILL METHODS CONSISTANT  
W/APPLICABLE FEDERAL, STATE, LOCAL LAWS

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