

VAN WATERS AND ROGERS -- MIL-C-6151,CADMIUM OXIDE -- 6810-00-281-8804

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Product Identification  
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Product ID:MIL-C-6151,CADMIUM OXIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-281-8804

MSDS Number: BDTDW

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Info Phone Num:408-435-8700

Emergency Phone Num:408-435-8700/

800-424-9300(CHEMTREC)

CAGE:0AN91

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Phone:408-435-8700/800-424-9300(CHEMTREC)

CAGE:0AN91

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Composition/Information on Ingredients  
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Ingred Name:CADMIUM OXIDE (SARA III)

CAS:13

06-19-0  
RTECS #:EV1925000  
Fraction by Wt: 90.0%  
OSHA PEL:SEE 1910.1027  
ACGIH TLV:0.05 MG(CD)/M3; 9293

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Hazards Identification  
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Effects of Overexposure:SEVERE LUNG IRRITATION WHICH MAY BE  
FATAL.CHRONIC POISONING IS CHARACTERIZED BY LUNG INJURY & KIDNEY

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First Aid Measures  
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First Aid:TREAT INHALATION BY ADMINISTERING OXYGEN.STOMACH WASH,IF  
SWALLOWED,FOLLOWED BY SALINE CATHARSIS.IF THERE HAS BEEN  
KNOWN  
EXPOSURE TO DENSE CADMIUM OXIDE FUME OR IF SYMPTOMS OF COUGH,CHEST  
TIGHTENS,OR RESPIRATORY DISTRESS APPEAR,PLACE PATIENT IN BED.

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Fire Fighting Measures  
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Extinguishing Media:CO\*2 OR DRY CHEMICAL-TYPE EXTINGUISHER- SAND.  
Fire Fighting Procedures:CADMIUM OXIDE AT EXTREME HEAT WILL EVOLVE HAZ.  
FUMES.

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Accidental Release Measures  
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Spill Release Procedures:ANY NORMAL CLEAN-UP PROCEDURE IS APPLICABLE.IF  
POSSIBILITY OF DUST EXPOSURE EXISTS,WEAR APPROVED  
RESPIRATOR.DISSOLVE SPILL IN A BEAKER WITH PLENTIFUL WATER.ADD SODA  
ASH AND MIX.NEUTRALIZE WITH 6M-HCL. DRAIN INTO AN APPROVED STORAGE  
AREA W/ABUNDANT WATER

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Handling and Storage  
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Handling and Storage Precautions:WEAR RUBBER GLOVES,SAFETY GLASSES &  
RESPIRATORS OR HANDLE IN A DRAFT.MOST OPERATIONS IN WHICH CADMIUM DUSTS  
ARE PRODUCED WILL REQUIRE PROCESS ENCL.VENTIL.

Other Precautions

autions:PERSONAL RESPIRATORY PROTECTIVE EQUIPMENT MAY BE USED FOR TEMPORARY OR SUPPLEMENTAL CONTROL. STORE CDO IN A COOL, DRY AREA.

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

Respiratory Protection:BUREAU OF MINES APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:RESPIRATORS.

Supplemental Safety and Health

SPEC.FR.FGHTNG PROC.CONTD:WEAR SELF-CONTAINED BRTHNG APPRTS & FULL

PROT.CLTHNG.EFF

OVEREXPOS.CONTD:DYSFUNCTION,HEADACHE,VERTIGO,NERVOUSNESS,COUGH,STOM .LESION,PULMON.EDEMA,PNEUMON,DIARR,VMTNG.

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

HCC:N1

Boiling Pt:B.P. Text:1650-1830F

Spec Gravity:6.95

Solubility in Water:NEGLIGIBLE

Appearance and Odor:YELLOW-BROWN POWDER OR CRYSTALS.

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products

:CADMIUM OXIDE FUME

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

Waste Disposal Methods:DISPOSE OF MATERIAL IN CLOSED CONTAINERS.BE COGNIZANT OF POTENTIAL AIR & WATER POLLUTION PROBLEMS.NOTE:THIS MATERIAL MAY HAVE VALUE ON RECYCLED BASIS.REACT MATL W/MIN.CONC.HNO\*3 TO FORM NITRATES.EVAP. IN HOOD TO THIN PASTE.ADD H\*2O & H\*2S,FILTER,DRY-

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