

PENOLES METALS & CHEMICALS, INC. -- CADMIUM OXIDE -- 6810-00-281-8804

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Product Identification  
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Product ID:CADMIUM OXIDE

MSDS Date:05/01/1993

FSC:6810

NIIN:00-281-8804

MSDS Number: CFKQZ

=== Responsible Party ===

Company Name:PENOLES METALS & CHEMICALS, INC.

Address:80 BROAD STREET, 35TH FLOOR

City:NEW YORK

State:NY

ZIP:10004-2203

Country:US

Info Phone Num:212-483-0414/800-331-4709

Emerg

ency Phone Num:212-483-0414/800-331-4709

CAGE:LO141

=== Contractor Identification ===

Company Name:ATLANTIC METALS & ALLOYS INC

Box:386

City:OLD GREENWICH

State:CT

ZIP:06870

Country:US

Phone:203-359-8881

CAGE:8Y106

Company Name:PENOLES METALS & CHEMICALS, INC.

Address:80 BROAD STREET, 35TH FLOOR

Box:City:NEW YORK

State:NY

ZIP:10004-2203

Country:US

Phone:212-483-0414/800-331-4709

CAGE:LO141

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Composition/Information on Ingredients  
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Ingred Name:CADMIUM OXIDE (SARA 302/

313) (CERCLA)  
CAS:1306-19-0  
RTECS #:EV1925000  
Fraction by Wt: 99.7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 MG (CD)/M3 DUST  
ACGIH TLV:0.01 MG(CD)/M3; 9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, LUNG, KIDNEY,  
LIVER. ACUTE- CONTACT WITH EYE  
S/SKIN WILL CAUSE IRRITATION. A  
SINGLE EXPOSURE TO FUMES CAN CAUSE CYANOSIS, SEVERE/FATAL LUNG  
IRRITATION. INGESTION MAY CAUSE SEVERE TOXIC EFFECTS, ABDOMINAL  
PAIN. CHRONIC- LUNG INJURY (EMPHYSEMA), KIDNEY DISFUNCTION, LIVER  
INJURY MAY OCCUR.  
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS  
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.  
Effects of Overexposure:IRRITATION, SHORTNESS OF BREATH, CHEST PAIN,  
WEAKNESS, HEADACHE, CHILLS AND MUSCULAR PAIN, NAUSEA, VOMITING,  
DIARRHEA, SORE THROAT, REDNESS AND PAIN OF EYES, SWEATING, FEVER  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, KIDNEYS, LIVER MAY  
HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE  
EXPOSURES.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS DEVELOP. EYES:IMMEDIATELY  
FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.  
SKIN:REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER FOR 15 MINUTES.  
INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED.  
ORAL:TREATMENT MUST BE ADMINISTERED BY MEDICAL PERSONNEL. GET  
MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONE  
Lower Limits:NOT RELEVANT  
Upper Limits:NOT RELEVANT  
Extinguishing Media:DRY SAND IF IN FIRE. NOT FLAMMABLE. USE AGENTS FOR  
SURROUNDING FIRE.  
Fire Fighting Procedures

es:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN  
POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC GASES MAY BE FORMED.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING & RESPIRATORY  
EQUIPMENT SUITABLE FOR TOXIC DUSTS. SWEEP, SCOOP OR PICK UP SPILLED  
MATERIAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST  
DISPERSAL. PACKAGE FOR DISPOSAL . VE

NTIALTE CLOSED AREAS BEFFORE  
ENTERING.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER, IN  
SECURE PLACE. NO FOOD IN THE WORK AREA.

Other Precautions:AVOID CREATING DUST. AVOID EYE OR SKIN CONTACT. AVOID  
INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF  
REACH OF CHILDREN. OBEY HAZARD WARNING LABEL. USE WITH ADEQUATE  
VENTILATION. CAN C AUSE LUNG  
CANCER.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE  
CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED DUST  
RESPIRATOR MUST BE WORN. IN EMERGENCY, WEAR NIOSH APPROVED SELF  
CONTAINED BREATHING APPARA TUS.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV  
REQUIREMENTS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATIO  
N, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text: