

HARWICK CHEMICAL CORPORATION -- CADMIUM OXIDE -- 6810-00-281-8804

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

Product ID:CADMIUM OXIDE

MSDS Date:01/14/1987

FSC:6810

NIIN:00-281-8804

MSDS Number: BPYHC

=== Responsible Party ===

Company Name:HARWICK CHEMICAL CORPORATION

Address:60 SOUTH SEIBERLING STREET

City:AKRON

State:OH

ZIP:44305

Country:US

Info Phone Num:216-798-9300

Emergency Phone Num:216-798-9300

CA

GE:84769

=== Contractor Identification ===

Company Name:HARWICK CHEMICAL CORPORATION

Address:60 SOUTH SEIBERLING STREET

Box:9360

City:AKRON

State:OH

ZIP:44305

Country:US

Phone:216-798-9300

CAGE:84769

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

Ingred Name:CADMIUM OXIDE (SARA III)

CAS:1306-19-0

RTECS #:EV1925000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.05 MG(CD)/M3; 9293

=====
Hazards Identification
==

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE EYE AND SKIN
IRRITATION. INHALATION-SINGLE EXPOSURE TO CADMIUM OXIDE FUME CAN
CAUSE SEVERE LUNG IRRITATION & PULMONARY EDEMA, WHICH MAY BE FATAL.
INGESTION-IRRITATING TO THE STOMACH LINING. CHRONIC: CADMIUM
POISONING CHARACTERIZED BY LUNG INJURY (EMPHYSEMA) AND KIDNEY
DYSFUNCTION.

Explanation of Carcinogenicity:CADMIUM COMPOUNDS.
Effects of Overexposure:MAY CAUSE NAUSEA AND VOMITING.
Medical Conditions Aggravated by Exposure:LUNG AND KIDNEY DISEASE.

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

First Aid:INHALATION-REMOVE TO FRESH AIR, CALL A DOCTOR. INGESTION-IF
CONSCIOUS, INDUCE VOMITING AND CALL A DOCTOR. EYES-FLUSH WITH WATER
FOR 15 MINUTES, IF IRRITATION PERSISTS, CALL A DOCTOR. SKIN-WASH
WITH SOAP AND WATER.

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

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL EXTINGUISHER, SAND.
Fire Fighting Procedures:USE A NIOSH/MSHA APPROVED SELF-CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN
FIRE.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:MINIMIZE EXPOSURE. VACUUMING IS PREFERRED.
PLACE IN A SUITABLE CLOSED CONTAINER FOR DISPOSAL. USE APPROPRIATE
RESPIRATORY PROTECTION IF DUST/FUME EXPOSURE EXISTS.

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

Handling and Storage Precautions:NO TOBACCO OR FOOD IN WORK AREA. AVOID
INGESTION, INHALATION OR SKIN CONTACT. MINIMIZE DUST.
Other Precautions:NONE

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR FOR TOXIC DUST
AND/OR FUME.
Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO CONTROL TLV.
Pro

Protective Gloves: RUBBER, IMPERVIOUS GLOVES

Eye Protection: SAFETY GLASSES

Other Protective Equipment: AS NEEDED IF SKIN CONTACT IS APPRECIABLE.

Work Hygienic Practices: WASH THOROUGHLY BEFORE EATING OR SMOKING.

SHOWER AND CHANGE CLOTHES AT THE END OF SHIFT.

Supplemental Safety and Health

NONE

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

HCC:T1

Melt/Freeze Pt: M.P/F.P Text: 1652F, 900C

Spec Gravity: 8.15

Solubility in Water: INSOLUBLE

Appearance and Odor: YELLOW-BROWN POWDER OR
CRYSTALS - ODORLESS.

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

Stability Indicator/Materials to Avoid: YES

MAHNESIUM PLUS HEAT MAY REACT EXPLOSIVELY.

Hazardous Decomposition Products: CADMIUM OXIDE FUMES MAY BE GENERATED
AT TEMPERATURES APPROACHING THE DECOMPOSITION POINT.

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

Waste Disposal Methods: IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS. IF DISCARDED IN AN UNALTERED FORM, SH
OULD BE TESTED IN

ACCORDANCE WITH 40CFR261 SUBPART C AND DISPOSE OF AS SPECIFIED.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
ass

sume responsibility for the suitability of this information to their
particular situation.