

J.T.BAKER CHEMICAL CO. -- CADMIUM CHLORIDE,2.5 HYDRATE -- 6810-00-957-8058

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

Product ID:CADMIUM CHLORIDE,2.5 HYDRATE

MSDS Date:02/10/1988

FSC:6810

NIIN:00-957-8058

MSDS Number: BJXPT

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-2151

Emergency Pho

ne Num:201-859-2151

CAGE:DO870

=== Contractor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:LAPINE SCIENTIFIC CO

Address:13636 WESTERN AVE

Box:780

City:BLUE ISLAND

State:IL

ZIP:60406-0780

Country:US

Phone:312-388-4030

CAGE:LAPIN

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:CADMIUM CHLORIDE  
CAS:7790-78-5  
RTECS #:EV0117800  
Fraction by Wt: 99-100%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES  
Health Hazards Acute and Chronic:ACUTE:HARMFUL AND MAY BE FATAL IF  
INGESTED OR INHALED.MAY CAUSE PAIN IN G.I. TRACT.MAY DA  
MAGE  
LIVER,LUNG KIDNEY AND OTHER ADVERSE EFFECTS.TARGET  
ORGANS,RESPIRATORY SYSTEM,LUNGS,KIDNEYS PROSTATE ,AND B LOOD.  
Explanation of Carcinogenicity:DATA PER MGF MSDS.  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT  
15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHAL  
ATION:REMOVE  
TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION  
IMMEDIATELY.

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

Flash Point:NONE  
Extinguishing Media:NOT FLAMMABLE ;USE ANY MEDIA FOR SURROUNDING FIRES.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE DU

E TO EXTREME

HEAT.COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION  
PRODUCTS AND VAPORS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR  
VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED  
AREA.KEEP CONTAINER CLOSED WHEN NOT IN  
USE.

Other Precautions:WASH THOROUGHLY AFTER EACH USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST  
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH  
FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND  
SKIN;DO NOT BREATHE

VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT  
EAT,DRINK,SMOKE.

Supplemental Safety and Health

DO NOT TAKE INTERNALLY.MAY BE FATAL IF SWALLOWED OR INHALED.

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

HCC:T4

Boiling Pt:B.P. Text:1760F,960C

Melt/Freeze Pt:M.P/F.P Text:1054F,568C

Vapor Density:6.3

Solubility in Water:COMPLETE

Appearance and Odor:WHITE ODOR LESS CRYSTALS

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

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Stability Indicator/Materials to Avoid: YES  
NONE NOTED.  
Stability Condition to Avoid: HIGH HEAT  
Hazardous Decomposition Products: CADMIUM FUMES AND HCL. VLDN

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

Waste Disposal Methods: CONSULT LOCAL AUTHORITIES; DISPOSAL MUST BE IN  
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

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